RQT_ID	RQT_KEY	text	REL	REQ_TY

Attachment 1 : Release B L4s for deletion

This attachment provides the list of Release B L4 requirements to be deleted from the RTM MAIN Level_4 class. These requirements will be replaced by the Release B requirements listed in Attachment 2. It should be applied automatically before any other part of this CCR is applied.

C-CSS-22080	604	The CSS Message Service shall provide an API for the receiver to register interest in receiving messages from a certain sender.	B	functional
C-CSS-23010	546	The CSS Event Service shall provide asynchronous communication between objects.	B	functional
C-CSS-23020	547	The CSS Event Service shall provide a push API that allows a supplier of events to initiate the transfer of the event data to consumers.	B	functional
C-CSS-23030	548	The CSS Event Service shall provide a pull API that allows a consumer of events to request the event data from a supplier.	B	functional
C-CSS-23040	549	The CSS Event Service shall provide an intervening object that allows multiple suppliers to communicate with multiple consumers in a decoupled fashion.	B	functional
C-CSS-23050	550	The CSS Event Service shall provide an API that communicates push event data to the consumer from a supplier by invoking the operation and passing the event data as a parameter.	B	functional
C-CSS-23060	551	The CSS Event Service shall provide an API that terminates the push event communication between supplier and consumer.	B	functional
C-CSS-23070	552	The CSS Event Service shall provide an API that blocks until the pull event data is available or an exception is raised. It returns the event data to the pull consumer.	B	functional
C-CSS-23080	553	The CSS Event Service shall provide an API that terminates the pull event communication between supplier and consumer.	B	functional
C-CSS-23090	554	The CSS Event Service shall provide an API that connects a push supplier to the intermediary for the push consumers.	B	functional
C-CSS-23100	555	The CSS Event Service shall provide an API that connects a pull consumer to the intermediary for the pull suppliers.	B	functional
C-CSS-23110	556	The CSS Event Service shall provide an API that connects a pull supplier to the intermediary for the pull consumers.	B	functional
C-CSS-23120	557	The CSS Event Service shall provide an API that connects a push consumer to the intermediary for the push suppliers.	B	functional
C-CSS-23130	558	The CSS Event Service shall provide an API that returns a proxy that is then used to connect a push-style consumer.	B	functional
C-CSS-23140	559	The CSS Event Service shall provide an API that returns a proxy that is then used to connect a pull-style consumer.	B	functional
C-CSS-23150	560	The CSS Event Service shall provide an API that returns a proxy that is then used to connect a push-style supplier.	B	functional
C-CSS-23160	561	The CSS Event Service shall provide an API that returns a proxy that is then used to connect a pull-style supplier.	B	functional
C-CSS-24010	624	The CSS Lifecycle Service shall provide a generic instantiation capability that creates a new object for a client.	B	functional
C-CSS-24020	625	The CSS Lifecycle Service shall provide an API that accepts state initialization information.	B	functional
C-CSS-24030	626	The CSS Lifecycle Service shall provide an API that accepts resource preference information.	B	functional
C-CSS-24040	627	The CSS Lifecycle Service shall provide an API that returns an object invocation handle.	B	functional
C-CSS-24050	628	The CSS Lifecycle Service shall ensure that a server is available to service a user request.	B	functional
C-CSS-24060	629	The CSS Lifecycle Service shall act as an intermediary during the client server connection phase.	B	functional
C-ISS-04100	5234	The portion of the DAAC LAN supporting the SDPS function of Data Acquisition Request (DAR) Submittal including TOOs shall contribute to the function's operational availability of 0.993 at a minimum and a mean down time of two (2) hours or less during times of staffed operation.	B	RMA
S-CLS-00150	2451	The DESKT CI will provide container desktop objects.	B	functional
S-CLS-00160	2452	The DESKT CI will provide document desktop objects.	B	functional
S-CLS-00170	2453	The DESKT CI will provide application desktop objects.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-00180	2454	The DESKT CI will provide will provide users the capability to execute software associated with a desktop object.	B	functional
S-CLS-00190	2455	The DESKT CI shall provide users the capability to create desktop objects.	B	functional
S-CLS-00200	2456	The DESKT CI shall provide users the capability to destroy desktop objects.	B	functional
S-CLS-00210	2457	The DESKT CI shall provide users the capability to open desktop objects.	B	functional
S-CLS-00220	2458	The DESKT CI shall provide users the capability to copy the reference to objects for a desktop object.	B	functional
S-CLS-00230	2459	The DESKT CI shall provide users the capability to copy a desktop object.	B	functional
S-CLS-00240	2460	The DESKT CI shall provide users the capability to deep copy a desktop object.	B	functional
S-CLS-00250	2461	The DESKT CI shall provide users the capability to move desktop objects.	B	functional
S-CLS-00260	2462	The DESKT CI shall provide users the capability to obtain desktop object data associated with desktop objects.	B	functional
S-CLS-00270	2463	The DESKT CI shall provide users the capability to update desktop object data associated with desktop objects.	B	functional
S-CLS-00280	2464	The DESKT CI shall provide users the capability to list the available services associated with any desktop object.	B	functional
S-CLS-00290	2465	The DESKT CI shall provide users the capability to bind a service to a desktop object.	B	functional
S-CLS-00295	2466	The DESKT CI shall provide users the capability to unbind a service from a desktop object.	B	functional
S-CLS-00300	2467	The DESKT CI shall provide users the capability to invoke any service bound to a desktop object.	B	functional
S-CLS-00310	2468	The DESKT CI shall provide users the capability to generate an exchangeable (i.e., file based) form for desktop objects.	B	functional
S-CLS-00320	2469	The DESKT CI shall provide users the capability to generate a desktop object from an externalized (i.e., file-based) format.	B	functional
S-CLS-00330	2470	The DESKT CI shall provide users the capability to add desktop objects to container objects.	B	functional
S-CLS-00340	2471	The DESKT CI shall provide users the capability to remove desktop objects from container objects.	B	functional
S-CLS-00350	2472	The DESKT CI shall provide users the capability to iteratively apply operations to each of the objects in a desktop container.	B	functional
S-CLS-00360	2437	The DESKT CI shall provide users the capability to search container objects for objects which satisfy a user specified Search Criteria.	B	functional
S-CLS-00370	2438	The DESKT CI shall provide users the capability to browse the objects contained in container objects.	B	functional
S-CLS-00380	2439	The DESKT CI shall provide users the capability to display on a continuous basis the objects contained in container objects.	B	functional
S-CLS-00390	2473	The DESKT CI will provide the capability to iconically represent desktop objects.	B	functional
S-CLS-00400	2474	The DESKT CI will provide the capability to textually represent desktop objects.	B	functional
S-CLS-00410	2440	The DESKT CI will provide the users the capability to list object types supported by a specific application or service class.	B	functional
S-CLS-00420	2441	The DESKT CI will provide the users the capability to list applications or service classes supported by a specific object type.	B	functional
S-CLS-00430	2442	The DESKT CI will provide the users the capability to add applications or services supported by a specific object type.	B	functional
S-CLS-00440	2443	The DESKT CI will provide the users the capability to remove applications or services supported by a specific object type.	B	functional
S-CLS-00450	2477	The DESKT CI shall provide users the capability to install an application interface (i.e., an application and its parameterized interface description).	B	functional
S-CLS-00460	2478	The DESKT CI shall provide users the capability to remove an application interface.	B	functional
S-CLS-00470	2479	The DESKT CI shall provide users the capability to obtain the attributes associated with an application interface.	B	functional
S-CLS-00490	2480	The DESKT CI shall provide users the capability to modify the attributes associated with an application interface.	B	functional
S-CLS-00640	2444	The DESKT CI shall provide users the capability to obtain a description of the interaction between the workbench and specified tools.	B	functional
S-CLS-00790	2445	The DESKT CI shall provide users the capability to transition from the user session currently active on the desktop to another user session, by means of a single mouse click.	B	functional
S-CLS-01360	2446	The DESKT CI shall provide users the capability to mail desktop objects	B	functional
S-CLS-01450	2481	Desktop objects shall utilize a <TBD> external format.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-01460	2482	Desktop object references shall be in <TBD> format.	B	functional
S-CLS-01480	2483	The DESKT CI will utilize an X-windows windowing interface for the GUI.	B	functional
S-CLS-01500	2484	The DESKT CI user interface shall conform to the guidelines in Version 4.0 of the ECS User Interface Style Guide (June 1, 1994).	B	standards
S-CLS-01550	2475	The DESKT CI will provide the user the capability to copy ECS services onto his desktop, iconize them, and save them as desktop objects.	B	functional
S-CLS-01560	2476	The DESKT CI will provide the user the capability to access a service via the previously saved desktop object representing that service.	B	functional
S-CLS-10010	2537	The WKBCH CI shall provide the capability for users to compose Search Requests based on product specific and core metadata attributes.	B	functional
S-CLS-10070	2543	The WKBCH CI shall support point-and-radius criteria for query of geographic Metadata by text input.	B	functional
S-CLS-10080	2544	The WKBCH CI shall support polygonal coordinate criteria for query of geographic Metadata by graphical input.	B	functional
S-CLS-10090	2545	The WKBCH CI shall support query of geographic Metadata by geographic name by text input.	B	functional
S-CLS-10130	2549	The WKBCH CI shall provide users the capability to use boolean operators to relate query parameters for geographic and non-geographic Metadata.	B	functional
S-CLS-10140	2550	The WKBCH CI shall support wildcard construct (prefix, embedded, suffix) matching criteria for query of non-geographic Metadata.	B	functional
S-CLS-10150	2551	The WKBCH CI shall support character range matching criteria for query of non-geographic Metadata.	B	functional
S-CLS-10160	2552	The WKBCH CI shall support logical and boolean operators matching criteria for query of non-geographic Metadata.	B	functional
S-CLS-10170	2553	The WKBCH CI shall support min/max range Search Criteria for query of numerical non-geographic Metadata.	B	functional
S-CLS-10180	2554	The WKBCH CI shall support any combination of exact word match, exact phrase match, character set, wildcard, character range, logical and boolean operator, and min/max range Search Criteria for query of non-geographic Metadata.	B	functional
S-CLS-10190	2555	The WKBCH CI shall provide the capability for users to compose searches across multiple data sets for coincident occurrences of data in space, time, or any other Metadata attribute(s).	B	functional
S-CLS-10200	2641	The WKBCH CI shall provide users the capability to search and view a productÕs processing history.	B	functional
S-CLS-10210	2664	The WKBCH CI shall provide users the capability to search for Science Processing Library holdings	B	functional
S-CLS-10220	2601	The WKBCH CI shall allow users to formulate a Data Request based on the results of searching the inventory core metadata attributes and inventory product specific metadata attributes.	B	functional
S-CLS-10230	2602	The WKBCH CI shall provide the capability for users to preview billing costs for non-EOSDIS Data Products prior to Data Request submission.	B	functional
S-CLS-10240	2603	The WKBCH CI shall provide the capability for users to request subsetted, subsampled, and summary products.	B	functional
S-CLS-10250	2604	The WKBCH CI shall automatically provide the user an estimate of how long it will take before products are ready for delivery.	B	functional
S-CLS-10260	2605	The WKBCH CI shall provide the capability for users to issue Data Requests for Data Products that are generated on demand.	B	functional
S-CLS-10280	2712	The WKBCH CI shall provide users the capability to create, cancel, renew, update and list the contents of Subscriptions, including standing requests.	B	functional
S-CLS-10310	2672	The WKBCH CI shall provide users the capability of positioning the cursor by entering an image X,Y coordinate.	B	functional
S-CLS-10320	2674	The WKBCH CI shall provide users the option to display Latitude/Longitude pairs as symbols, displayed in their proper geolocation on all visualizations produced by the WKBCH CI.	B	functional
S-CLS-10460	2687	The WKBCH CI shall provide users Lat/Long lists for the production of built-in vector overlays as part of the application.	B	functional
S-CLS-10470	2688	The WKBCH CI shall provide users the capability to display browse information in vector graphic format.	B	functional
S-CLS-10480	2689	The WKBCH CI shall provide the capability of displaying ECS supported visualization data as a series of lineplots.	B	functional
S-CLS-10490	2690	The WKBCH CI shall provide the capability of displaying a horizontal or vertical profile through a pseudocolor image.	B	functional
S-CLS-10500	2691	The WKBCH CI shall provide the capability of displaying multi-dimensional arrays of data as a series of two-dimensional pseudocolor images.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-10510	2692	The WKBCH CI shall provide the capability of importing color palettes.	B	functional
S-CLS-10520	2693	The WKBCH CI shall provide the capability for modifying the color palette.	B	functional
S-CLS-10530	2694	The WKBCH CI shall provide the capability of modifying the pseudocolor mapping by changing the data min/max values.	B	functional
S-CLS-10540	2695	The WKBCH CI shall provide the capability of modifying the pseudocolor mapping by adaptive equalization.	B	functional
S-CLS-10550	2696	The WKBCH CI shall provide users the capability of calculating summarizing statistics of multi-dimensional arrays of EOS data.	B	functional
S-CLS-10560	2697	The WKBCH CI shall provide the capability of calculating summarizing statistics of user-selected columns from tables of values of EOS data.	B	functional
S-CLS-10570	2698	The WKBCH CI shall produce visualizations of images needed for QA, validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional
S-CLS-10580	2699	The WKBCH CI shall produce visualizations of multi-dimensional arrays needed for QA, Validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional
S-CLS-10590	2700	The WKBCH CI shall produce visualizations of tables of numbers needed for QA, Validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional
S-CLS-10600	2701	The WKBCH CI shall display the Latitude and Longitude coordinates of the cursor, when the cursor is inside an EOS Grid array.	B	functional
S-CLS-10610	2702	The WKBCH CI shall provide users the capability of positioning the cursor by entering a Latitude/Longitude value.	B	functional
S-CLS-10615	2703	The WKBCH CI shall provide users the capability of positioning the cursor by entering instrument scan line.	B	functional
S-CLS-10630	2501	The system shall provide users a Training Option	B	functional
S-CLS-10640	2502	The Training option shall consist of simulated user sessions for identifying, searching for and obtaining data and services.	B	functional
S-CLS-10730	2784	The WKBCH CI shall provide users the capability to search data dictionary information to obtain the precise definitions of terms used within ECS.	B	functional
S-CLS-10770	2562	The WKBCH CI shall support hierarchical searching of documents in HTML format.	B	functional
S-CLS-10860	2608	The WKBCH CI shall provide users the capability to display processing schedules.	B	functional
S-CLS-10870	2723	The WKBCH CI shall provide users the capability to display data acquisition plans and schedules.	B	functional
S-CLS-10880	2643	The WKBCH CI shall provide users the capability to display documentation on data formats and Metadata standards.	B	functional
S-CLS-10890	2644	The WKBCH CI shall provide users the capability to display ESDIS Project Policies and Procedures.	B	functional
S-CLS-10930	2565	The WKBCH CI shall provide users the capability to search inventory based on any combination of the inventory core metadata attributes and inventory product specific metadata attributes.	B	functional
S-CLS-10950	2713	The WKBCH CI shall provide the capability for users to submit Subscription Requests for periodic delivery of data described by Advertisements.	B	functional
S-CLS-10970	2634	The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed on-line.	B	functional
S-CLS-10980	2635	The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed off-line (i.e. media).	B	functional
S-CLS-11000	2714	The WKBCH CI shall provide the capability to submit Subscription Requests for on-demand processing of ECS data by pre-existing processes.	B	functional
S-CLS-11010	2611	The WKBCH CI shall automatically provide the capability to confirm or reject a Data Request.	B	functional
S-CLS-11020	2612	The WKBCH CI shall provide users Data Request Status at the conclusion of the processing of a Data Requests.	B	functional
S-CLS-11030	2613	The WKBCH CI shall provide the capability for users to determine reprocessing status of products which are being reprocessed.	B	functional
S-CLS-11040	2614	The WKBCH CI shall provide users the capability to obtain Service Request Status during the processing of a Service Request initiated by the user.	B	functional
S-CLS-11050	2503	The WKBCH CI shall provide users the capability to obtain and review User Session Logs for their own sessions.	B	functional
S-CLS-11060	2615	The WKBCH CI shall provide science users the capability to obtain Distribution Request Status for user-initiated Distribution Requests.	B	functional

RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-11070	2616	The WKBCH CI shall provide science users the capability to obtain Data Request Status for ADC Data Products.	B	functional
S-CLS-11080	2781	The WKBCH CI shall provide the capability for users to obtain their current account balance.	B	functional
S-CLS-11090	2782	The WKBCH CI shall provide the capability display account balance status reports which reports on a user's account balance.	B	functional
S-CLS-11100	2760	The WKBCH CI shall accept from the users user feedback information, on product data quality assessment and output it to the SMC.	B	interface
S-CLS-11110	2761	The WKBCH CI shall accept from the users user feedback information, on schedule performance assessment and output it to the SMC.	B	interface
S-CLS-11120	2762	The WKBCH CI shall accept from the users user feedback information, on ECS service quality evaluation and output it to the SMC.	B	interface
S-CLS-11130	2617	The WKBCH CI shall provide the capability for users to construct and submit Production Requests.	B	functional
S-CLS-11140	2618	The WKBCH CI shall provide the capability for users to update Distribution Requests prior to the shipment of Data.	B	functional
S-CLS-11150	2619	The WKBCH CI shall provide product delay notification to users to notify them when products will not be distributed within the estimated time.	B	functional
S-CLS-11160	2620	The WKBCH CI shall provide users the capability to request priority processing of Production Requests.	B	functional
S-CLS-11170	2621	The WKBCH CI shall display to users a processing status message to confirm or reject a Production Request.	B	functional
S-CLS-11190	2622	The WKBCH CI shall provide the capability for users to submit a Conflict Adjudication Request to the SMC, in the event a processing conflict cannot be resolved between the SDSRV CI, the science user, and the Data Processing Subsystem.	B	functional
S-CLS-11200	2623	The WKBCH CI shall provide users a Conflict Adjudication Response from the SMC after submitting a Conflict Adjudication Request.	B	functional
S-CLS-11210	2624	The WKBCH CI shall provide users a Notification when processing will not be completed within the estimated time.	B	functional
S-CLS-11220	2625	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on geographical location (x, y, z - spatial with rectangular boundaries).	B	functional
S-CLS-11230	2626	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on spectral band.	B	functional
S-CLS-11240	2627	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on time.	B	functional
S-CLS-11250	2715	The WKBCH CI shall provide a capability to submit Subscription Requests for the distribution of ECS data.	B	functional
S-CLS-11260	2716	The WKBCH CI shall provide the capability for users to update Subscriptions for the distribution of ECS data.	B	functional
S-CLS-11270	2717	The WKBCH CI shall provide users the capability to terminate their Subscriptions for on demand processing.	B	functional
S-CLS-11280	2718	The WKBCH CI shall provide users the capability to modify their Subscriptions for on demand processing.	B	functional
S-CLS-11285	2637	The WKBCH CI shall provide users the capability to create documents in HTML format.	B	functional
S-CLS-11290	2567	The WKBCH CI shall provide a capability to translate user input Search Criteria into ECS internal query language.	B	functional
S-CLS-12070	2646	The WKBCH CI shall provide a GUI interface with capability to save and restore the contents of data search and order forms.	B	functional
S-CLS-12110	2647	The WKBCH CI shall provide a GUI interface with a command language.	B	functional
S-CLS-12480	2568	The WKBCH CI shall provide the capability to request any of the services available for the individual items in the output of a Metadata search.	B	functional
S-CLS-12500	2504	The WKBCH CI shall provide users an interface to APIs for use in non-interactive remote user sessions.	B	functional
S-CLS-12530	2648	The WKBCH CI shall provide users the capability to simultaneously view Search Results and Production Requests.	B	functional
S-CLS-12540	2505	The WKBCH CI shall support multiple concurrent user sessions.	B	functional
S-CLS-12550	2525	The WKBCH CI shall support multiple concurrent Service Requests.	B	functional
S-CLS-12560	2526	The WKBCH CI shall provide the capability to save information selected in prior Metadata searches for use in subsequent Service Requests.	B	functional

RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-12570	2506	The WKBCH CI shall provide users interactive user sessions.	B	functional
S-CLS-12580	2507	The WKBCH CI shall provide a user session management capability to transition between user sessions.	B	functional
S-CLS-12670	2508	The WKBCH CI shall provide users the capability to enable the logging of Service Requests, Service Request Status, and Notifications to the User Session Log.	B	functional
S-CLS-12680	2509	The WKBCH CI shall provide users the capability to disable logging to the User Session Log.	B	functional
S-CLS-12690	2510	The WKBCH CI shall provide users the capability to replay the User Session Log.	B	functional
S-CLS-12700	2511	The WKBCH CI shall provide users the capability to obtain information about all their user sessions.	B	functional
S-CLS-12720	2512	The WKBCH CI shall provide users the capability to rebuild a user session context.	B	functional
S-CLS-12730	2531	The WKBCH CI shall be able to accept Notifications of events associated with Service Requests or sessions	B	functional
S-CLS-12740	2532	The WKBCH CI shall be able to display such event Notifications to the user and accept input from the user where these events require instructions from the user, e.g., when a request exceeds a client specified threshold, and provide such feedback to the service which sent the event..	B	functional
S-CLS-12760	2534	The WKBCH CI shall provide users the capability to suppress the display of event Notifications if the Notifications do not require user input or if the user has defined default instructions, by type of event and session..	B	functional
S-CLS-12800	2649	The WKBCH CI library shall provide a capability to interactively display interrupt messages.	B	functional
S-CLS-12810	2763	The WKBCH CI shall provide a dumb terminal interface with minimal and consistent use of non-standard keys.	B	functional
S-CLS-12820	2764	The WKBCH CI shall provide a dumb terminal interface with capability to save and restore the contents of a menu or form.	B	functional
S-CLS-12830	2765	The WKBCH CI shall provide a dumb terminal interface with standardized use of commands and terminology across screens.	B	functional
S-CLS-12840	2766	The WKBCH CI shall provide a dumb terminal interface with self-explanatory, meaningful error messages.	B	functional
S-CLS-12850	2767	The WKBCH CI shall provide a dumb terminal interface with availability of a menu tree diagram.	B	functional
S-CLS-12860	2769	The WKBCH CI shall provide a dumb terminal interface with a command language.	B	functional
S-CLS-12870	2770	The WKBCH CI shall support a dumb terminal interface that provides users system access from local and remote dumb terminals.	B	functional
S-CLS-13010	2778	The WKBCH CI shall provide application program interfaces that will support development of extensions for support of data visualization utilities for DAAC-specific products.	B	functional
S-CLS-13040	2779	The WKBCH CI shall provide application program interfaces that will support development of a local user interface client accessing DAAC-unique Metadata searching services.	B	functional
S-CLS-13050	2780	The WKBCH CI shall provide application program interfaces that will be capable of supporting the development of a local user interface that can bypass the delivered ECS user interface for accessing DAAC-unique Metadata searching services.	B	functional
S-CLS-13060	2659	The WKBCH CI shall provide the user the capability to view the service availability status of all ECS services.	B	functional
S-CLS-13090	2488	The WKBCH CI will perform registration of new users from user supplied default information.	B	functional
S-CLS-13160	2513	The WKBCH CI shall provide users the capability to terminate user sessions with service providers.	B	functional
S-CLS-13170	2514	The WKBCH CI shall provide users the capability to initiate user sessions with service providers.	B	functional
S-CLS-13200	2518	The WKBCH CI shall provide users the capability to obtain the status information about user sessions with service providers.	B	functional
S-CLS-13210	2519	The WKBCH CI shall provide users the capability to connect to an existing user session.	B	functional
S-CLS-13220	2520	The WKBCH CI shall provide users the capability to issue Service Requests within the context of a user session.	B	functional
S-CLS-13230	2527	The WKBCH CI shall provide users the capability to cancel any time-intensive Service Requests by issuing a Cancellation Request.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-13240	2528	The WKBCH CI shall provide users the capability to individually suspend and restore the Service Requests within a user session after interruption.	B	functional
S-CLS-13250	2724	The WKBCH CI shall provide users the capability to view DAR generation information during the DAR planning and submittal process.	B	functional
S-CLS-13352	2754	The WKBCH CI shall provide access to USENET newsgroups.	B	functional
S-CLS-13354	2755	The WKBCH CI shall provide a WAIS client.	B	functional
S-CLS-13380	2497	The WKBCH CI shall send User Authentication Requests to the SMC.	B	interface
S-CLS-13390	2498	The WKBCH CI shall allow or deny the user system access based on User Validation Status returned from CSMS.	B	functional
S-CLS-13400	2499	The WKBCH CI shall obtain user authentication information from the user.	B	functional
S-CLS-13400	4935	The WKBCH CI shall obtain user authentication information from the user.	B	functional
S-CLS-13460	2521	The WKBCH CI shall provide users the capability to create a Session Profile for each user session. The Session Profile shall be able to contain any of the parameters which are in the User Profile and which may apply as defaults to ECS Service Requests.	B	functional
S-CLS-13470	2522	The user interface shall employ the defaults specified in the Session Profile to assist the user in the formulation of a new request in the context of a user session (e.g., by displaying them as default values in the respective input fields).	B	functional
S-CLS-13480	2569	Users shall be able to save Search Request parameters at any time during the formulation of the Search Request.	B	functional
S-CLS-13490	2570	Users shall be able to retrieve any previously saved Search Request parameters into a new Search Request, edit the parameters, save the modified parameters, and/or submit the new Search Request.	B	functional
S-CLS-13500	2571	Users shall be able to save the results of Search Requests.	B	functional
S-CLS-13510	2572	Users shall be able to retrieve saved Search Results, delete items from the Search Result, and save the modified result.	B	functional
S-CLS-13520	2573	Users shall be able to save selected portions of a Search Result.	B	functional
S-CLS-13530	2574	Users shall be able to combine Search Results.	B	functional
S-CLS-13540	2575	Users shall be able to select Data Granules from multiple saved Search Results and submit a single Data Request for these Data Granules.	B	functional
S-CLS-13550	2576	The WKBCH CI shall provide users the capability to search Production History on any combination of Production History Metadata attributes.	B	functional
S-CLS-13560	2577	The WKBCH CI shall allow users to search the holdings of ECS using Phenomenological Search Criteria for attributes supported by Data Server Schema.	B	functional
S-CLS-13580	2579	The WKBCH CI shall provide users the capability to graphically represent data availability for products(s) vs. time.	B	functional
S-CLS-13590	2580	The WKBCH CI shall provide users the capability to graphically view the temporal extent of Data Granules.	B	functional
S-CLS-13600	2628	The WKBCH CI shall display the cost estimates for Data specified in Distribution Requests prior to the submission of the Search Request.	B	functional
S-CLS-13610	2629	When users submit a Distribution Request, they shall be given an opportunity to review the total amount that will be billed for the order and affirm, cancel or modify the Search Request.	B	functional
S-CLS-13620	2704	The WKBCH CI shall provide the capability to visualize Data Products as continuous forward animation.	B	functional
S-CLS-13630	2705	The WKBCH CI shall provide the capability to visualize Data Products as single step forward animation.	B	functional
S-CLS-13640	2706	The WKBCH CI shall provide the capability to visualize Data Products as single step backward animation.	B	functional
S-CLS-13650	2707	The WKBCH CI shall provide the capability to visualize Data Products as oscillating animation (i.e., continuous forward then continuous backward, alternating throughout the loop until user-directed termination).	B	functional
S-CLS-13660	2708	The WKBCH CI shall provide users the capability to change the minimum/maximum values of the color tables for visualization of Data Products.	B	functional
S-CLS-13670	2709	The WKBCH CI shall provide users the capability to modify color palettes for visualization of Data Products.	B	functional
S-CLS-13680	2786	The WKBCH CI shall allow users to access the Data Dictionary Service.	B	functional
S-CLS-13700	2710	Overlays provided for display to users shall be continuous over the entire display area, regardless of any gaps in the science data, for data following HDF-EOS geolocation conventions.	B	functional
S-CLS-13730	2583	Users shall be able to request an update of the status of a previously submitted Search Request.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-13740	2584	Users shall be able to request that the workbench poll the status of a Search Request at a user selectable time interval.	B	functional
S-CLS-13750	2719	The WKBCH CI shall provide users the capability to submit Subscription Requests which request a periodic search for new documents meeting user specified search conditions. All search conditions supported by the document search user interface shall be allowed in this context.	B	functional
S-CLS-13760	2720	The WKBCH CI shall provide users the capability to issue a Subscription Request for revisions of a given document.	B	functional
S-CLS-13770	2721	The WKBCH CI shall provide users the capability to issue a Subscription Request for new documents, based on topical keywords.	B	functional
S-CLS-13780	2630	When submitting Distribution Requests, users shall be able to request inclusion of Universal References to the appropriate documentation for this data, the tools needed to read this data, and an ASCII file describing each of these references.	B	functional
S-CLS-13790	2725	The WKBCH CI shall provide users the capability to parameterize ASTER DARS with ASTER DAR Parameters.	B	functional
S-CLS-13800	2726	The WKBCH CI shall provide the capability for users to construct a Subscription Request associated with a Data Acquisition Request.	B	functional
S-CLS-13810	2722	The WKBCH CI shall accept Service Requests for Subscriptions for Data.	B	functional
S-CLS-13820	2727	The WKBCH CI shall accept Service Requests for changes to existing DARs from the science user.	B	functional
S-CLS-13830	2728	The WKBCH CI shall make ASTER data acquisition schedules and plans accessible to authorized users on request.	B	functional
S-CLS-13840	2729	The WKBCH CI shall display data acquisition schedules as timelines.	B	functional
S-CLS-13850	2730	The WKBCH CI shall provide users the capability to access the Guide during DAR formulation and submittal.	B	functional
S-CLS-13860	2731	The WKBCH CI shall provide EOS-AM spacecraft location projections as an reference aid to the creation of ASTER Data Acquisition Requests	B	functional
S-CLS-13870	2732	The WKBCH CI shall provide visualizations of ASTER instrument nominal view swaths and non-nominal view swaths based on user supplied angle as an reference aid to the creation of ASTER DARs.	B	functional
S-CLS-13880	2733	The WKBCH CI shall provide instrument specific default settings for DAR instrument configurable parameters.	B	functional
S-CLS-13890	2734	The WKBCH CI shall provide users the capability to view Valid Values for DAR Parameters.	B	functional
S-CLS-13900	2735	The WKBCH CI shall constraint check and validate DAR Parameters.	B	functional
S-CLS-13920	2736	The WKBCH CI shall provide DAR Disposition in response to the submittal of a DAR. This may be e-mail notificaton.	B	functional
S-CLS-13930	2737	The WKBCH CI shall be expandable to make accessible to authorized users the current data acquisition schedules and plans for U.S. instruments on foreign spacecraft for the IP Information Management System or an equivalent IP facility.	B	functional
S-CLS-13940	2738	The WKBCH CI shall display DAR status when requested by users.	B	functional
S-CLS-13950	2523	The WKBCH CI shall provide the user the capability to view the Data Requests recorded in the User Session Log.	B	functional
S-CLS-13960	2739	The WKBCH CI shall provide the user the capability to view the DARs recorded in the User Session Log.	B	functional
S-CLS-13980	2711	The WKBCH CI shall provide a legend describing the display of a Data Product, in each window in which a Data Product is displayed.	B	functional
S-CLS-13990	2586	The WKBCH CI shall provide users the capability to view resulting coverage on a map when a lat/lon selection is typed in for a search.	B	functional
S-CLS-14000	2661	The WKBCH CI shall provide a user interface that indicates changes in status of an iconified window (e.g., additional results inserted into window).	B	functional
S-CLS-14010	2662	The WKBCH CI shall prompt the user to save his/her edits when the user quits the editing of workbench objects (e.g., a Result Set or a Guide document), if there are any unsaved edits.	B	functional
S-CLS-14030	2631	The WKBCH CI shall provide users the capability to retrieve any previously saved Data Request parameters into a new Data Request, edit the parameters, save the modified parameters, and/or submit the new Data Request.	B	functional
S-CLS-14040	2757	The WKBCH CI shall automatically add the date, time and client release version identification to User Comments.	B	functional
S-CLS-14200	2758	The WKBCH CI shall provide the capability to retrieve User Comments based on author, subject and date/time.	B	functional
S-CLS-14230	2632	The DESKT CI shall provide the capability for a user to issue a Distribution Status Request for a previously submitted Distribution Request and receive Distribution Request Status as a result.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-CLS-14240	2633	The DESKT CI shall issue periodic Distribution Status Requests for a user-specified Distribution Request, at time intervals specified by the user.	B	functional
S-CLS-14250	2530	The WKBCH CI shall provide users the capability to issue a Status Request to determine the status of any active Service Request.	B	functional
S-CLS-14400	2740	Time-related data for DARs will be synchronized so that selection of a time range on a DAR timeline tool will be translated into date/time ranges in a DAR submission window.	B	functional
S-CLS-14410	2741	Time-related data for DARs will be synchronized so that typing a date/time range in a DAR submission window will be graphically display as a blocked out time range on a DAR timeline window.	B	functional
S-CLS-14420	2742	Geographic selection criteria for DARS will be synchronized so that selection of an area on a DAR map display will be translated into lat/lon coordinates in a DAR submissions window.	B	functional
S-CLS-14430	2743	Geographic selection criteria for DARs will be synchronized so that typing lat/lon coordinates in a DAR submission window will be graphically displayed as a blocked out area on a DAR map display.	B	functional
S-CLS-14440	2744	The WKBCH CI shall provide users the capability to retrieve any previously saved DAR parameters into a new DAR, edit the parameters, save the modified parameters, and/or submit the new DAR.	B	functional
S-CLS-14450	2745	The WKBCH CI shall provide the capability for users to construct a Product Request associated with a DAR.	B	functional
S-CLS-14460	2746	The WKBCH CI shall make spacecraft schedules accessible to authorized users on request.	B	functional
S-CLS-14470	2747	The WKBCH CI shall display spacecraft schedules as timelines.	B	functional
S-CLS-14480	2588	Time-related data for a Product Request will be synchronized so that selection of a time range on a Product Request timeline tool will be translated into date/time ranges in a Product Request submission window.	B	functional
S-CLS-14490	2589	Time-related data for a Product Request will be synchronized so that a date/time range typed in a Product Request window will be graphically display as a blocked out time range on a Product Request timeline window.	B	functional
S-CLS-14500	2590	Geographic selection criteria for a Product Request will be synchronized so that selection of an area on a Product Request map display will be translated into lat/lon coordinates in a Product Request submissions window.	B	functional
S-CLS-14510	2591	Geographic selection criteria for a DAR will be synchronized so that typed lat/lon coordinates in a Product Request submission window will be graphically displayed as a blocked out area on a Product Request map display.	B	functional
S-CLS-14520	2663	For WKBCH CI screens requiring user input, optional fields will be distinguished from mandatory fields.	B	functional
S-CLS-14530	2787	The WKBCH CI shall provide users access to Data Definitions of the following information at a minimum : a. Earth Science Data Types and services descriptions b. core metadata attribute definitions c. valid values d. synonyms for valid values e. product specific metadata	B	functional
S-CLS-14540	2788	Standard Product related Metadata accesible to users shall include keywords and glossary from investigators.	B	functional
S-CLS-14550	2789	Standard Product related Metadata accessible to users shall include of keywords, synonyms, and glossary for cross-product and cross-directory referencing.	B	functional
S-CLS-14570	2791	The WKBCH CI shall provide users the capability to relate Phenomenological Search Criteria to Search Criteria containing values for searchable attributes supported in the Data Server Schema.	B	functional
S-CLS-14580	2792	The WKBCH CI shall provide users a consistent view of data dictionary entries based on the value given for an attribute.	B	functional
S-CLS-14590	2793	The WKBCH CI shall have the capability to send to the Data Dictionary CI, data dictionary information requests, consisting of any combination of the following: Earth Science Data Types, Core Metadata attribute, Product Specific Metadata.	B	functional
S-CLS-14600	2794	The WKBCH CI shall have the capability to receive from the Data Dictionary CI	B	interface
S-DMS-00010	2865	The LIMGR CI shall provide capabilities to search and obtain data by science discipline.	B	functional
S-DMS-00020	2866	The LIMGR CI shall accept Search Requests in the format defined in Appendix A.	B	functional

RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-00030	2885	The LIMGR CI shall create an integrated schema from the exported schematas of the Data Servers.	B	functional
S-DMS-00040	2867	The LIMGR CI shall determine which Data Servers are required in order to perform a Search Request and build a Site Query Plan as a result.	B	functional
S-DMS-00050	2868	The LIMGR CI shall initiate data provider data access and manipulation operations.	B	functional
S-DMS-00060	2938	The LIMGR CI shall provide the capability to establish a session as the context for a series of Service Requests.	B	functional
S-DMS-00070	2939	The LIMGR CI shall provide the capability to suspend an ongoing t session-.	B	functional
S-DMS-00080	2940	The LIMGR CI shall provide the capability to resume a suspended session.	B	functional
S-DMS-00090	2941	The LIMGR CI shall provide the capability to terminate an established client session.	B	functional
S-DMS-00100	2869	The LIMGR CI shall accept search results from a Data Server, and provide capability, to integrate Search Results from a previous Search Request .	B	interface
S-DMS-00110	2870	The LIMGR CI shall provide the capability to save the result of a Service Request for later reuse.	B	functional
S-DMS-00120	2871	The LIMGR CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional
S-DMS-00130	2872	The LIMGR CI shall provide the capability, to terminate processing of an active or suspended Service Request.	B	functional
S-DMS-00140	2873	The LIMGR CI shall provide the capability, to suspend processing of an active Service Request.	B	functional
S-DMS-00150	2874	The LIMGR CI shall provide the capability, to resume processing of a previously suspended Service Request.	B	functional
S-DMS-00160	2875	The LIMGR CI shall provide the capability, to estimate the resources required to execute a pending Service Request.	B	functional
S-DMS-00180	2876	The LIMGR CI shall support interactive information management capabilities for administrators to retrieve information.	B	functional
S-DMS-00190	2877	The LIMGR CI shall use the identification of the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional
S-DMS-00200	2878	The LIM shall use forward the identification of the user on whose behalf a Service Request is issued to Data Servers for Service Requests issued on the behalf of the user.	B	functional
S-DMS-00210	2886	The LIM internal data base management shall be expressed in a <TBD> standard query language	B	functional
S-DMS-00220	2887	The LIMGR CI shall store, maintain and provide data management services for ECS local Schema.	B	functional
S-DMS-00230	2888	The LIMGR CI shall provide the capability to integrate partial results within those Data Servers represented in its local Schema.	B	functional
S-DMS-00240	2879	In the case of processing failures, upon restart the LIM must complete all incomplete transactions without loss of data.	B	functional
S-DMS-00250	2880	The LIMGR CI shall maintain query log files.	B	functional
S-DMS-00260	2881	The LIMGR CI shall provide a capability to report status of Service Requests submitted to it.	B	functional
S-DMS-00270	2889	The LIMGR CI shall support revisions of its local Schema following Schema changes in the Data Servers represented in the LIMs local Schema.	B	functional
S-DMS-00280	2890	The LIMGR CI shall provide a data administration utility for adding, deleting, modifying, and expanding individual Schema.	B	functional
S-DMS-00290	2891	The LIMGR CI shall accept Service Requests, and provide capability, to find and retrieve a Schema entry from an integrated Schema.	B	functional
S-DMS-00300	2892	The LIMs shall provide the capability to search for Data Granules of EOSDIS data stored for all Data Servers represented in their local Schema.	B	functional
S-DMS-00470	2893	The LIMGR CI shall support the interruption of a any database administrative or maintenance activity and its restart without loss of information.	B	functional
S-DMS-00480	2912	The LIMGR CI shall accept, process, and distribute to Data Servers a single instrument Inventory search consisting of multiple keyword attributes with spacial range check in not exceeding TBD seconds.	B	performance
S-DMS-00490	2913	The LIMGR CI shall accept, process, and distribute to Data Servers a multiple instrument Inventory search consisting of multiple keyword attributes with time range check in not exceeding TBD seconds.	B	performance
S-DMS-00500	2914	The LIMGR CI shall accept from Data Servers a single instrument Inventory Result Set consisting of multiple keyword attributes with spacial range check , integrate the results, and provide a complete Result Set in not exceeding TBD seconds.	B	performance

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-00510	2915	The LIMGR CI shall accept from Data Servers a multiple instrument Inventory search Result Set consisting of multiple keyword attributes with time range check, integrate the results, and provide a complete Result Set in not exceeding TBD seconds.	B	performance
S-DMS-00530	2894	The LIMGR CI shall collect the management data used to support security management.	B	functional
S-DMS-00540	2895	The LIM data accesses shall be subject to read access controls based on data types, user privileges and data ownership.	B	functional
S-DMS-00550	2882	The LIMGR CI shall provide a capability to decompose the Search Requests it receives into executable data base Queries.	B	functional
S-DMS-00560	2883	The LIMGR CI shall provide the capability to abort any time-intensive operations.	B	functional
S-DMS-00570	2916	The LIMGR CI shall provide integration, testing, and simulation status to the SMC.	B	interface
S-DMS-00580	2918	The LIM shall provide maintenance status to the SMC.	B	interface
S-DMS-00590	2919	The LIM shall provide logistics status to the SMC.	B	interface
S-DMS-00600	2920	The LIM shall provide training information to the SMC.	B	interface
S-DMS-00610	2921	The LIMGR CI shall provide the capability to receive maintenance directives from the SMC.	B	interface
S-DMS-00620	2922	The LIMGR CI shall provide the capability to receive directives for integration, testing, and simulation from the SMC.	B	interface
S-DMS-00630	2923	The LIMGR CI shall provide the capability to receive configuration management directives from the SMC.	B	interface
S-DMS-00640	2924	The LIMGR CI shall provide the capability to receive logistics management directives from the SMC.	B	interface
S-DMS-00650	2925	The LIMGR CI shall provide the capability to receive fault management directives from the SMC.	B	interface
S-DMS-00660	2926	The LIMGR CI shall provide the capability to receive security directives from the SMC.	B	interface
S-DMS-00670	2927	The LIMGR CI shall provide the capability to receive training management directives from the SMC.	B	interface
S-DMS-00690	2896	The LIMGR CI shall collect the management data used to support configuration management.	B	functional
S-DMS-00700	2897	The LIMGR CI shall collect Accounting Management Data used to support accounting.	B	functional
S-DMS-00705	2898	The LIMGR CI shall support operations staff in the creation of utilization reports, and the operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	functional
S-DMS-00706	2899	The LIMGR CI shall provide operations staff the capability to distribute utilization reports electronically, in hard copy, or on electronic media.	B	functional
S-DMS-00710	2900	The LIMGR CI shall collect Accountability Management Data and provide it to the MSS.	B	interface
S-DMS-00720	2901	The LIMGR CI shall collect Performance Management Data and provide it to the MSS.	B	interface
S-DMS-00730	2902	The LIMGR CI shall collect Scheduling Management Data and provide it to the MSS.	B	interface
S-DMS-00740	2884	Partial results shall consist of Search Results accumulated to the time of the request for partial results, , or Search Results accumulated since the last S Request for partial results for that Search Request.	B	functional
S-DMS-00750	2903	The LIMGR CI shall have the capability of creating, editing and deleting advertisements about itself and submitting them to the Advertising Service.	B	functional
S-DMS-00860	2943	The LIMGR CI shall provide a capability to report the status of sessions established by it.	B	functional
S-DMS-00890	2945	The LIMGR CI shall support multiple concurrent sessions.	B	functional
S-DMS-00895	2946	The LIMGR CI shall support multiple service requests within a session.	B	functional
S-DMS-00900	2936	The LIMGR CI shall provide an application program interface for the submission of Service Requests.	B	functional
S-DMS-00910	2937	The LIMGR CI shall provide an application program interface for the submission of requests for administrative services.	B	functional
S-DMS-00915	2904	The LIMGR CI shall log the initiation of a session.	B	functional
S-DMS-00920	2905	The LIMGR CI shall log the termination of a session.	B	functional
S-DMS-00930	2906	The LIMGR CI shall log the suspension of a session.	B	functional
S-DMS-00940	2907	The LIMGR CI shall log the resumption of previously suspended sessions.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-00960	2948	The LIMGR CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional
S-DMS-00970	2949	The LIMGR CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional
S-DMS-00980	2950	The LIMGR CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional
S-DMS-00990	2951	The LIMGR CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional
S-DMS-01000	2942	The LIMGR CI shall provide the capability to restore a session after interruption.	B	functional
S-DMS-01010	2908	The LIMGR CI shall log all Service requests received during a session.	B	functional
S-DMS-01020	2909	The LIMGR CI shall log the suspension of processing of Service requests.	B	functional
S-DMS-01030	2910	The LIMGR CI shall log the resumption of previously suspended Service requests.	B	functional
S-DMS-01040	2911	The LIMGR CI shall log the termination of service requests.	B	functional
S-DMS-10010	2952	The DIMGR CI shall provide capabilities to search and obtain data across DAACs	B	functional
S-DMS-10020	2953	The DIMGR CI shall accept and execute Search Requests which require searching across DAACs.	B	functional
S-DMS-10030	2954	The DIMGR CI shall compare received Search Requests to its federated Schema to determine to which LIMs or Data Servers the Search Request must be forwarded and generate a Distributed Query Plan.	B	functional
S-DMS-10040	2955	Upon determining which LIMs are required to complete a Search Request, the DIM shall send to the requisite LIMs the portions of the original Search Request which apply to them.	B	interface
S-DMS-10050	2956	The DIMGR CI shall monitor the progress of the Distributed Query Plan.	B	functional
S-DMS-10060	2957	The DIMGR CI shall compile and manage the results of the Distributed Query Plan for the client which initiated it.	B	functional
S-DMS-10070	2958	The DIMGR CI shall execute, monitor, and compile plan results without continuous connection with the client. This capability shall allow the client to disconnect from and later reconnect to the DIM to retrieve the results.	B	functional
S-DMS-10090	2959	The DIMGR CI shall store, maintain and provide data management services for ECS federated Schema.	B	functional
S-DMS-10100	2960	The DIMGR CI shall provide the capability to abort any time-intensive operations.	B	functional
S-DMS-10110	2961	The DIMGR CI shall provide the capability to integrate partial results from those LIMs represented in its federated Schema into a complete Result Set.	B	functional
S-DMS-10120	2962	In the case of processing failures, upon restart the DIM must complete all incomplete transactions without loss of data.	B	functional
S-DMS-10130	2964	The DIMGR CI shall maintain query log files.	B	functional
S-DMS-10140	2965	The DIMGR CI shall provide a capability to report status of Search Requests submitted to it.	B	functional
S-DMS-10150	2978	The DIMGR CI shall support revisions of its federated Schema following Schema changes in the LIMs represented in the DIM's federated Schema.	B	functional
S-DMS-10160	2979	The DIMGR CI shall be able to receive the local Schema of LIMs in its federation from the LIM service.	B	interface
S-DMS-10170	2980	The DIMGR CI shall create a union of the Schemata it receives from LIMs in its federation. This union is a federated Schema.	B	functional
S-DMS-10180	2981	The DIMGR CI shall not alter the Schemata it receives from any LIM in creating the federated Schema.	B	functional
S-DMS-10190	2982	The DIMGR CI shall subscribe to the LIMs for any changes in LIM Schemata.	B	interface
S-DMS-10200	2983	The DIMGR CI shall subscribe to the Advertising service for any additions or deletions of LIMs from its federation.	B	interface
S-DMS-10210	2984	The DIMGR CI shall be able to add a LIM to its federation based on the subscription notifications it receives from the Adsvertising service..	B	functional
S-DMS-10220	2985	The DIMGR CI shall provide an interface whereby a LIM may be deleted from the federation based on the subscription notifications it receives from the Adsvertising service..	B	functional
S-DMS-10240	2986	The DIMGR CI shall provide a data administration utility for adding, deleting, modifying, and expanding an individual Schema.	B	functional
S-DMS-10250	2987	The distributed Schema administrator shall maintain the federated Schema in the DIM.	B	functional
S-DMS-10260	2988	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be added to the federation.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-10270	2989	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be deleted from the federation.	B	functional
S-DMS-10280	2990	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be replaced in the federation.	B	functional
S-DMS-10290	2991	The DIMGR CI shall provide an interface to the DIM administrator client whereby LIM information may be retrieved from the federation.	B	functional
S-DMS-10300	2992	The DIMGR CI shall provide the capability to find and retrieve a Schema entry from an distributed Schema.	B	functional
S-DMS-10310	2966	The DIMs shall provide the capability to search for Data Granules of EOSDIS data stored across DAACs for specific science disciplines.	B	functional
S-DMS-10320	2967	The DIMGR CI shall provide Service Request Status in response to Status Requests.	B	functional
S-DMS-10330	2968	The DIMGR CI shall use the User Identifier for the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional
S-DMS-10340	2969	The DIMGR CI shall forward the user's User Identifer in any Service Requests that it sends to the LIMGR CI on behalf of that user..	B	interface
S-DMS-10350	2996	The DIMGR CI shall provide integration, testing, and simulation status to the SMC.	B	interface
S-DMS-10360	2997	The DIM shall provide maintenance status to the SMC.	B	interface
S-DMS-10370	2998	The DIM shall provide logistics status to the SMC.	B	interface
S-DMS-10380	2999	The DIM shall provide training information to the SMC.	B	interface
S-DMS-10390	3000	The DIMGR CI shall provide the capability to receive maintenance directives from the SMC.	B	interface
S-DMS-10400	3001	The DIMGR CI shall provide the capability to receive, directives for integration, testing, and simulation from the SMC.	B	interface
S-DMS-10410	3002	The DIMGR CI shall provide the capability to receive, configuration management directives from the SMC.	B	interface
S-DMS-10420	3003	The DIMGR CI shall provide the capability to receive logistics management directives from the SMC.	B	interface
S-DMS-10430	3004	The DIMGR CI shall provide the capability to receive fault management directives from the SMC.	B	interface
S-DMS-10440	3005	The DIMGR CI shall provide the capability to receive security directives from the SMC.	B	interface
S-DMS-10450	3006	The DIMGR CI shall provide the capability to receive training management directives from the SMC.	B	interface
S-DMS-10460	2995	The DIMGR CI shall support the interruption of a database administrative or maintenance activity and its restart without loss of information.	B	functional
S-DMS-10470	3007	The DIMGR CI shall accept, process, and distribute to LIMs a multiple DAAC, single instrument Inventory search consisting of multiple keyword attributes with spacial range check of not exceeding TBD seconds.	B	performance
S-DMS-10480	3008	The DIMGR CI shall accept, process, and distribute to LIMs a multiple DAAC, multiple instrument Inventory search consisting of multiple keyword attributes with time range check of not exceeding TBD seconds.	B	performance
S-DMS-10490	3009	The DIMGR CI shall accept from LIMs a multiple DAAC, single instrument Inventory Result Set consisting of multiple keyword attributes with spacial range check , integrate the results, and provide a complete Result Set in not exceeding TBD seconds.	B	performance
S-DMS-10500	3010	The DIMGR CI shall accept from LIMs multiple DAAC, multiple instrument Inventory search consisting of multiple keyword attributes with time range check , integrate the results, and provide a complete Result Set in not exceeding TBD seconds.	B	performance
S-DMS-10530	3011	The DIMGR CI shall collect the management data used to support fault recovery management.	B	functional
S-DMS-10540	3012	The DIMGR CI shall collect the management data used to support configuration management.	B	functional
S-DMS-10550	3013	The DIMGR CI shall collect Accounting Management Data used to support accounting management.	B	functional
S-DMS-10555	3014	The DIMGR CI shall support operations staff in the creation of utilization reports, and the operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	procedural
S-DMS-10556	3015	The DIMGR CI shall provide operations staff with the capability to distribute DIMGR CI utilization reports eletronically or in hard copy or on electronic media.	B	functional
S-DMS-10560	3016	The DIMGR CI shall collect Accountability Management Data and provide it to the MSS.	B	interface

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-10570	3017	The DIMGR CI shall collect Performance Management Data and provide it to the MSS.	B	interface
S-DMS-10580	3018	The DIMGR CI shall collect Security Management Data and provide it to the MSS.	B	interface
S-DMS-10590	3019	The DIMGR CI shall collect Scheduling Management Data and provide it to the MSS.the management data used to support scheduling management.	B	interface
S-DMS-10600	2993	The DIM data accesses shall be subject to read access control based on user privileges.	B	functional
S-DMS-10610	2994	The DIM internal data base management Queries shall be expressed in a <TBD> query language	B	functional
S-DMS-10650	2970	The DIMGR CI shall initiate distributed data access and manipulation operations.	B	functional
S-DMS-10660	3039	The DIMGR CI shall provide the capability establish a session as the context for a series of Service Requests.	B	functional
S-DMS-10670	3040	The DIMGR CI shall provide the capability to suspend an ongoing session.	B	functional
S-DMS-10680	3041	The DIMGR CI shall provide the capability to resume a suspended session.	B	functional
S-DMS-10690	3042	The DIMGR CI shall provide the capability to terminate an established client session.	B	functional
S-DMS-10700	2971	The DIMGR CI shall provide the capability to save the result of a Service Request for later reuse.	B	functional
S-DMS-10710	2972	The DIMGR CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional
S-DMS-10720	2974	The DIMGR CI shall provide the capability, to terminate processing of an active or suspended Service Request.	B	functional
S-DMS-10730	2975	The DIMGR CI shall provide the capability, to suspend processing of an active Service Request.	B	functional
S-DMS-10740	2976	The DIMGR CI shall provide the capability, to resume processing of a previously suspended Service Request.	B	functional
S-DMS-10750	2977	The DIMGR CI shall provide the capability, estimate resources required to execute a pending Service Request.	B	functional
S-DMS-10760	2973	Partial Results shall consist of Search Results accumulated to the time of the request for partial results, or Search Results accumulated since the last Request for partial results	B	functional
S-DMS-10860	3044	The DIMGR CI shall provide a capability to report the status of sessions established by it.	B	functional
S-DMS-10890	3046	The DIMGR CI shall support multiple concurrent sessions.	B	functional
S-DMS-10895	3047	The DIMGR CI shall support multiple service requests within a session.	B	functional
S-DMS-10900	3037	The DIMGR CI shall provide an application program interface for the submission of Service Requests.	B	functional
S-DMS-10910	3038	The DIMGR CI shall provide an application program interface for the submission of requests for administrative services.	B	functional
S-DMS-10915	3020	The DIMGR CI shall log the initiation of a session.	B	functional
S-DMS-10920	3021	The DIMGR CI shall log the termination of a session.	B	functional
S-DMS-10930	3022	The DIMGR CI shall log the suspension of a session.	B	functional
S-DMS-10940	3023	The DIMGR CI shall log the resumption of previously suspended	B	functional
S-DMS-10960	3049	The DIMGR CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional
S-DMS-10970	3051	The DIMGR CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional
S-DMS-10980	3052	The DIMGR CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional
S-DMS-10990	3053	The DIMGR CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional
S-DMS-11000	3043	The DIMGR CI shall provide the capability to restore a session after interruption.	B	functional
S-DMS-11010	3024	The DIMGR CI shall log all Service requests received during a session.	B	functional
S-DMS-11020	3025	The DIMGR CI shall log the suspension of processing of Service requests.	B	functional
S-DMS-11030	3026	The DIMGR CI shall log the resumption of previously suspended Service requests.	B	functional
S-DMS-11040	3027	The DIMGR CI shall log the termination of service requests.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DMS-20005	3054	The DDICT CI shall provide access to Data Definitions of the following information at a minimum : a. Earth Science Data Types and services descriptions b. core metadata attribute definitions c. valid values d. synonyms for valid values e. product specific metadata	B	functional
S-DMS-20030	3089	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the Data Server.	B	functional
S-DMS-20040	3090	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the LIM	B	functional
S-DMS-20050	3091	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the DIM.	B	functional
S-DMS-20060	3092	The DDICT CI shall provide the capability to define a global view of data dictionary entries based on the Earth Science Data Types accessible by the ECS	B	functional
S-DMS-20080	3093	The DDICT CI shall provide consistent view of data dictionary entries based on the value given for an attribute.	B	functional
S-DMS-20090	3094	The DDICT CI shall provide the capability to define data dictionary contexts based on science disciplines, site, and instrument.	B	functional
S-DMS-20110	3095	The DDICT CI shall provide the capability to define a global data dictionary context.	B	functional
S-DMS-20120	3055	The DDICT CI shall maintain information describing the relationships between Earth Science Data Types.	B	functional
S-DMS-20130	3096	The DDICT CI shall have the capability to accept from the Workbench CI, data dictionary information requests, consisting of any combination of the following: Earth Science Data Types, Core Metadata attribute, Product Specific Metadata.	B	interface
S-DMS-20140	3097	The DDICT CI shall have the capability to send to the Workbench CI,	B	interface
S-DMS-20160	3056	The DDICT CI shall have the capability to accept from the SDSRV CI Data Server, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface
S-DMS-20170	3057	The DDICT CI shall have the capability to accept from the LIM CI, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface
S-DMS-20180	3058	The DDICT CI shall have the capability to accept from the DIM CI, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface
S-DMS-20190	3059	The DDICT CI shall maintain consistency between its data dictionary entries and data server Schema information from which they were derived.	B	functional
S-DMS-20200	3060	The DDICT CI shall support additions, deletions and modifications to DDICT CI Schema.	B	functional
S-DMS-20210	3098	The DDICT CI shall use the identification of the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional
S-DMS-20220	3099	The DDICT CI data accesses shall be subject to access controls of read, write, update and delete, singly or in combination, based on user privileges.	B	functional
S-DMS-20240	3100	The DDICT CI shall provide a capability to decompose the Search Requests it receives into executable data base Queries.	B	functional
S-DMS-20250	3061	The DDICT CI shall store, maintain and provide data management services for ECS data dictionary entries.	B	functional
S-DMS-20260	3102	The DDICT CI shall support an administration utility for performance monitoring of system disk, memory, CPU and Input/Output.	B	performance
S-DMS-20270	3103	The DDICT CI shall support an administration utility for performance monitoring of Service Requests processing.	B	performance
S-DMS-20280	3104	The DDICT CI shall support an administration utility for performance tuning.	B	performance
S-DMS-20290	3105	The DDICT CI shall support an administration utility for administration of access control.	B	performance
S-DMS-20300	3106	The DDICT CI shall support an administration utility for on-line full backup of Data Dictionary service data.	B	performance
S-DMS-20310	3107	The DDICT CI shall support an administration utility for on-line incremental backup of Data Dictionary service data.	B	performance
S-DMS-20320	3108	The DDICT CI shall support an administration utility for manual recovery of Data Dictionary data from system and media failures.	B	performance
S-DMS-20330	3109	The DDICT CI shall support an administration utility for automatic recovery of DDICT CI data from system failures.	B	performance
S-DMS-20340	3110	The DDICT CI shall support a data administration utility for data import.	B	performance
S-DMS-20350	3111	The DDICT CI shall support a data administration utility for data export.	B	performance

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S-DMS-20530	3062	The DDICT CI shall support batch information management capabilities to add data dictionary entries.	B	functional
S-DMS-20540	3063	The DDICT CI shall support batch information management capabilities to update data dictionary entries.	B	functional
S-DMS-20550	3064	The DDICT CI shall support batch information management capabilities to delete data dictionary entries.	B	functional
S-DMS-20560	3065	The DDICT CI shall support batch information management capabilities to retrieve data dictionary entries.	B	functional
S-DMS-20570	3066	The DDICT CI shall support interactive information management capabilities to add data dictionary entries.	B	functional
S-DMS-20580	3067	The DDICT CI shall support interactive information management capabilities to update data dictionary entries.	B	functional
S-DMS-20590	3068	The DDICT CI shall support interactive information management capabilities to delete data dictionary entries.	B	functional
S-DMS-20600	3069	The DDICT CI shall support interactive information management capabilities to retrieve data dictionary entries.	B	functional
S-DMS-20610	3070	The DDICT CI shall maintain a log of all update activity to data dictionary entries.	B	functional
S-DMS-20620	3071	Standard Product related Metadata at the DDICT CI shall include keywords and glossary from investigators.	B	functional
S-DMS-20630	3072	Standard Product related Metadata at the DDICT CI shall include of keywords, synonyms, and glossary for cross-product and cross-directory referencing.	B	functional
S-DMS-20640	3073	The DDICT CI shall support the restart of database administration and maintenance activities which are unintentionally interrupted through system software or hardware failure, without loss of information.	B	functional
S-DMS-20660	3075	The DDICT CI shall collect the management data used to support security management.	B	functional
S-DMS-20670	3076	The DDICT CI shall establish access controls of read, write, update and delete, singly or in combination, based on data types.	B	functional
S-DMS-20680	3077	The DDICT CI shall establish access controls of read, write, update and delete, singly or in combination, based on data ownership.	B	functional
S-DMS-20690	3078	The DDICT CI shall provide the capability to add, delete, or modify dictionary entries to authorized users.	B	functional
S-DMS-20700	3113	The DDICT CI shall provide integration, testing, and simulation status to the SMC.	B	interface
S-DMS-20710	3114	The DDICT CI shall provide maintenance status to the SMC.	B	interface
S-DMS-20720	3115	The DDICT CI shall provide logistics status to the SMC.	B	interface
S-DMS-20730	3116	The DDICT CI shall provide training information to the SMC.	B	interface
S-DMS-20735	3117	The DDICT CI shall provide the capability to receive maintenance directives from the SMC.	B	interface
S-DMS-20740	3118	The DDICT CI shall provide the capability to receive directives for integration, testing, and simulation from the SMC.	B	interface
S-DMS-20750	3119	The DDICT CI shall provide the capability to receive configuration management directives from the SMC.	B	interface
S-DMS-20760	3120	The DDICT CI shall provide the capability to receive logistics management directives from the SMC.	B	interface
S-DMS-20770	3121	The DDICT CI shall provide the capability to receive fault management directives from the SMC.	B	interface
S-DMS-20780	3122	The DDICT CI shall provide the capability to receive security directives from the SMC.	B	interface
S-DMS-20790	3123	The DDICT CI shall provide the capability to receive training management directives from the SMC.	B	interface
S-DMS-20820	3079	The DDICT CI shall collect Fault Management Data and provide it to the MSS.	B	interface
S-DMS-20830	3080	The DDICT CI shall collect Configuration Management Data and provide it to the MSS.	B	interface
S-DMS-20840	3081	The DDICT CI shall collect Accountability Management Data and provide it to the MSS.	B	interface
S-DMS-20850	3082	The DDICT CI shall collect Performance Management Data and provide it to the MSS.	B	interface
S-DMS-20860	3083	The DDICT CI shall collect Scheduling Management Data and provide it to the MSS.	B	interface
S-DMS-20880	3101	The DDICT CI shall have the capability to recieve from the Data Administrator, Data Administration Requests	B	functional

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S-DMS-20890	–3084	The DDICT CI shall provide maintaine Valid Values for data elements, where the data element has an enumerated set of values as a constraint.	B	functional
S-DMS-20900	–3085	The DDICT CI shall maintain DAR parameters and DAR parameter constraints provided by EOC and External Instrument Operations Facilities (e.g. Landsat-7).	B	functional
S-DMS-20910	–3086	The DDICT CI shall provide access to the lists of the Valid Values for data elements, where the data element has an enumerated set of values as a constraint	B	functional
S-DMS-20930	–3112	The DDICT CI shall have the capability to export Dependent Valids Values to the ESDIS IMS.	B	interface
S-DMS-21000	–3124	The DDICT CI shall provide an application program interface for the submission of Service Requests.	B	functional
S-DMS-21010	–3125	The DDICT CI shall provide an application program interface for the submission of requests for administrative services.	B	functional
S-DMS-23910	–3088	The Data Dictionary shall maintain ASTER DAR parameters and ASTER DAR parameter constraints provided by the ASTER instrument operations facilities.	B	functional
S-DMS-30060	–3181	The GTWAY CI shall provide the capability to establish sessions as the contxt for a series of service requests.	B	functional
S-DMS-30070	–3182	The GTWAY CI shall provide the capability to suspend an on-going session.	B	functional
S-DMS-30080	–3183	The GTWAY CI shall provide the capability to resume a previously suspended session.	B	functional
S-DMS-30090	–3184	The GTWAY CI shall provide the capability to terminate an established session.	B	functional
S-DMS-30110	–3126	The GTWAY CI shall provide the capability, to save the result of a Service Request for later reuse.	B	functional
S-DMS-30120	–3127	The GTWAY CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional
S-DMS-30130	–3128	The GTWAY CI shall provide the capability to terminate processing of active or suspended service requests.	B	functional
S-DMS-30140	–3129	The GTWAY CI shall provide the capability to suspend processing of active service requests.	B	functional
S-DMS-30150	–3130	The GTWAY CI shall provide the capability to resume processing of a previously suspended service request.	B	functional
S-DMS-30160	–3131	The GTWAY CI shall provide a capability to estimate the resources required to execute a pending Service request.	B	functional
S-DMS-30260	–3132	The GTWAY CI shall provide a capability to report the status of service requests submitted to it.	B	functional
S-DMS-30310	–3138	The GTWAY CI shall have the capability to send Inventory Search Requests to the Version 0 IMS using Version 0 system protocols.	B	functional
S-DMS-30320	–3139	The GTWAY CI shall have the capability to receive Inventory Search Results from the Version 0 IMS using Version 0 system protocols.	B	functional
S-DMS-30340	–3140	The GTWAY CI shall have the capability to send Browse Requests to the Version 0 IMS using Version 0 system protocols.	B	functional
S-DMS-30350	–3141	The GTWAY CI shall have the capability to send Product Requests to the Version 0 IMS using Version 0 system protocols.	B	functional
S-DMS-30550	–3134	The GTWAY CI shall provide the capability to translate ECS system protocols into Version 0 system protocol.	B	functional
S-DMS-30560	–3135	The GTWAY shall support two-way Level 2 or 3 catalog interoperability, as defined by the CEOS, for the interface between the ECS and the NOAA SAAs.	B	functional
S-DMS-30570	–3136	The GTWAY shall support two-way Level 3 catalog interoperability, as defined by the CEOS, for the interface between the ECS and V0.	B	functional
S-DMS-30600	–3147	The GTWAY CI shall have the capability to send User Authentication Requests to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30610	–3148	The GTWAY CI shall have the capability to receive User Authentication Information from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30620	–3149	The GTWAY CI shall have the capability to receive User Authentication Requests from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30630	–3150	The GTWAY CI shall have the capability to send User Authentication Information to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30640	–3151	The GTWAY CI shall have the capability to receive Inventory Search Requests from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30650	–3152	The GTWAY CI shall have the capability to send Inventory Search Results to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30660	–3153	The GTWAY CI shall have the capability to send Inventory Search Requests to the NOAA SAAs using Version 0 system protocols.	B	interface

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S-DMS-30670	3154	The GTWAY CI shall have the capability to receive Inventory Search Results from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30680	3155	The GTWAY CI shall have the capability to receive Browse Requests from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30690	3156	The GTWAY CI shall have the capability to send Browse Requests to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30700	3157	The GTWAY CI shall have the capability to send Product Requests to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30710	3158	The GTWAY CI shall have the capability to receive Product Delivery Status from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30720	3159	The GTWAY CI shall have the capability to send Product Delivery Status Requests to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30730	3160	The GTWAY CI shall have the capability to receive Product Requests from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30740	3161	The GTWAY CI shall have the capability to send Product Delivery Status to the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30750	3162	The GTWAY CI shall have the capability to receive Product Delivery Status Requests from the NOAA SAAs using Version 0 system protocols.	B	interface
S-DMS-30760	3137	Partial Results shall consist of Search Results accumulated to the time of the request for partial results, or Search Results accumulated since the last request for partial results	B	functional
S-DMS-30800	3171	The GTWAY CI shall be able to provide notification of events associated with sessions which require additional instructions, e.g., when requests exceed a specified threshold.	B	functional
S-DMS-30805	3172	The GTWAY CI shall be able to provide notification of events associated with Service requests which require additional instructions, e.g., when resources for a request exceed a specified threshold.	B	functional
S-DMS-30810	3173	The GTWAY CI shall provide an entry point to be used to respond to notifications of events which require instructions to be returned to the LIM CI.	B	functional
S-DMS-30820	3174	The GTWAY CI shall provide the capability to accept and utilize the entry point to be used for asynchronous notification in asynchronous Service Requests.	B	functional
S-DMS-30830	3175	The GTWAY CI shall provide the capability to disable asynchronous notifications, and provide default instructions for such notification events.	B	functional
S-DMS-30840	3176	The GTWAY CI shall be able to accept notifications of events associated with sessions it has with other services.	B	functional
S-DMS-30845	3177	The GTWAY CI shall be able to accept notifications of events associated with Service requests it issued to other services.	B	functional
S-DMS-30850	3178	The GTWAY CI shall provide a capability to accept instructions associated with responses to notifications of events.	B	functional
S-DMS-30860	3186	The GTWAY CI shall provide a capability to report the status of sessions established by it.	B	functional
S-DMS-30870	3187	The GTWAY CI shall automatically suspend sessions that have been inactive for a specified time.	B	functional
S-DMS-30890	3188	The GTWAY CI shall support multiple concurrent sessions.	B	functional
S-DMS-30900	3189	The GTWAY CI shall support multiple service requests within a session.	B	functional
S-DMS-30910	3163	The GTWAY CI shall log the initiation of a session.	B	functional
S-DMS-30920	3164	The GTWAY CI shall log the termination of a session.	B	functional
S-DMS-30930	3165	The GTWAY CI shall log the suspension of a session.	B	functional
S-DMS-30940	3166	The GTWAY CI shall log the resumption of previously suspended	B	functional
S-DMS-30950	3190	The GTWAY CI shall provide the capability for the operations staff to specify a "time-out" period for inactive sessions.	B	functional
S-DMS-30960	3191	The GTWAY CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional
S-DMS-30970	3192	The GTWAY CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional
S-DMS-30980	3193	The GTWAY CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional
S-DMS-30990	3194	The GTWAY CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional
S-DMS-31000	3185	The GTWAY CI shall provide the capability to restore a session after interruption.	B	functional
S-DMS-31020	3168	The GTWAY CI shall log the suspension of processing of Service requests.	B	functional
S-DMS-31030	3169	The GTWAY CI shall log the resumption of previously suspended Service requests.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DPS-20020	4359	The PRONG CI shall have the capability to incorporate DAAC-developed software required to support discipline specific needs.	B	functional
S-DPS-20030	4360	The PRONG CI shall be capable of operating in a 24-hour a day, 7-day week mode.	B	performance
S-DPS-20150	4366	The PRONG CI shall provide Accounting Management data to the MSS using a MSS provided Accounting Management API.	B	interface
S-DPS-20200	4371	The PRONG CI shall provide Configuration Management data to the MSS using a MSS provided Configuration Management API.	B	interface
S-DPS-21730	4451	The operations staff shall have the capability to suspend the processing of a Data Processing Request.	B	functional
S-DPS-21740	4452	The operations staff shall have the capability to resume suspended processing of a Data Processing Request.	B	functional
S-DPS-21860	4464	The PRONG CI HMI Functions shall be accessible via an API (Application Program Interface).	B	functional
S-DPS-22260	4498	The PRONG CI shall use the TBD message to send the Status Information File of an executing PGE associated with the Data Processing Request to the source of the Processing Information Request.	B	interface
S-DPS-22560	4509	The PRONG CI shall update the Processing State to suspend when the Operation Command specifies suspension.	B	functional
S-DPS-22590	4510	The PRONG CI shall not perform any further processing on a Data Processing Request which is suspended.	B	functional
S-DPS-22600	4511	The PRONG CI shall reject the Operation Command which specified a resume if the Data Processing Request was not suspended.	B	functional
S-DPS-22610	4512	The PRONG CI shall update the Processing State to the previous Processing State before the suspension when the Operation Command is used to resume processing for the Data Processing Request.	B	functional
S-DPS-30300	4519	The PRONG CI shall process the EOS-AM spacecraft ancillary data to assess the quality of onboard orbit data to detect and note in metadata the following conditions: a) missing data b) erroneous data (i.e. if distance from origin deviates greatly from a neighboring set of points, if magnitude of velocity deviates greatly from the neighboring set of velocities) excluding data that reflects orbit adjust maneuvers.	B	functional
S-DPS-30320	4520	The PRONG CI shall report on the quality of onboard orbit data, noting if: a) the number of missing data are more than a specified limit value over a specified time interval b) the number of contiguous missing data are more than a specified value	B	interface
S-DPS-30600	4523	The PRONG CI shall process the EOS-AM spacecraft ancillary data to assess the quality of onboard attitude data to detect and note in metadata the following conditions: a) missing data b) erroneous data (i.e. invalid Euler angle, invalid Euler angle rate)	B	functional
S-DPS-30710	4526	The PRONG CI shall provide to the SDP Toolkit, at a minimum, the following metadata with the ephemeris data files for EOS-AM processing: a. Time range b. Orbit number range c. Platform	B	functional
S-DPS-30750	4530	The PRONG CI shall provide to the SDP Toolkit orbit and attitude data, including platform position and velocity vectors and platform attitude/attitude rate data, in the native format of the host hardware for EOS-AM processing.	B	functional
S-DPS-30770	4532	The PRONG CI shall provide to the SDP Toolkit orbit and attitude data, including platform position and velocity vectors and platform attitude/attitude rate data, in HDF-EOS format for EOS-AM processing.	B	functional
S-DPS-30900	4535	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS as header and quality parameters all contained in the same physical file as the L0 telemetry packets.	B	functional
S-DPS-30910	4536	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing header information as specified in the EDOS-ECS ICD.	B	functional
S-DPS-30920	4537	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing quality information as specified in the EDOS-ECS ICD.	B	functional
S-DPS-31010	4538	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 header in the native format of the host hardware.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DPS-31030	4540	The PRONG CI shall provide, at a minimum, the following metadata information to the SDP Toolkit with EDOS-generated L0 data: a. Actual start time of staged L0 data b. Actual end time of staged L0 data c. Number of physical L0 data files staged d. Start time of L0 data as requested by EOS investigators through the planning/processing system e. End time of L0 data as requested by EOS investigators through the planning/processing system f. APID of each L0 data file g. Orbit number or orbit number range of the staged L0 data file	B	functional
S-DPS-41100	4593	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display a list of Science Software Archive Packages in the Data Server.	B	functional
S-DPS-41110	4594	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display the metadata for a specific Science Software Archive Package.	B	functional
S-DPS-41120	4595	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display a list of the files that comprise a specific Science Software Archive Package.	B	functional
S-DPS-41130	4596	The AITTL CI shall provide to the operations staff, via a GUI, the capability to retrieve a copy of a specified file belonging to a specific Science Software Archive Package.	B	functional
S-DPS-41140	4597	The AITTL CI shall provide to the operations staff, via a GUI, the capability to add a new Science Software Archive Package to the Data Server.	B	functional
S-DPS-41150	4598	The AITTL CI shall provide to the operations staff, via a GUI, the capability to add or remove a file to or from the set of files comprising a specific Science Software Archive Package.	B	functional
S-DPS-41160	4599	The AITTL CI shall provide to the operations staff, via a GUI, the capability to edit the metadata for a specific Science Software Archive Package.	B	functional
S-DPS-41170	4600	The AITTL CI shall provide to the operations staff, via a GUI, the capability to remove a specific Science Software Archive Package from the Data Server.	B	functional
S-DPS-41180	4601	The AITTL CI shall provide to the operations staff, via a GUI, the capability to define new data types for new Products produced by an Science Software Archive Package.	B	functional
S-DPS-41190	4602	The GUI for adding an Science Software Archive Package to the Data Server shall have the capability of accepting its inputs from a file.	B	functional
S-DPS-41200	4603	The GUI for adding an Science Software Archive Package to the Data Server shall provide the operations staff with the ability (a) to restrict update access to the Data Server to authorized personnel and (b) to maintain a record of updates made.	B	functional
S-DPS-41355	4610	The GUI for updating the PGE Database shall provide the operations staff with the ability (a) to restrict update access to the PGE Database to authorized personnel and (b) to maintain a record of updates made.	B	functional
S-DPS-41360	4611	The GUI for updating the PGE Database shall have the capability of accepting its inputs from a file.	B	functional
S-DPS-42365	4645	The operations staff shall have the capability to use MSS profiling capabilities to determine the computing resources utilized by the execution of a chain of PGEs.	B	functional
S-DPS-60410	5263	The SPRHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.	B	operational
S-DSS-00070	3224	The SDSRV CI shall accept Service Requests from the Data Processing subsystem and, as a result, provide access to Data for the purpose of reprocessing.	B	interface
S-DSS-00115	3230	The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated for that Search Request.	B	functional
S-DSS-00116	3231	The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated since the last Search Status Request for that Search Request.	B	functional
S-DSS-00180	3239	The SDSRV CI shall accept and process Data Requests for Data Products that are produced on demand using the resources available to the Data Server.	B	functional
S-DSS-00200	3242	The SDSRV CI shall provide the capability for a user to delete their own queued Data Request.	B	functional
S-DSS-00210	3243	The SDSRV CI shall provide operations staff the capability to update the Priority Information for a queued Service Request.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-00215	3244	The SDSRV CI shall provide operations staff the capability to modify any field in a queued Service request.	B	functional
S-DSS-00230	3247	The SDSRV CI shall provide users the capability to cancel their own Service Requests.	B	functional
S-DSS-00240	3248	The SDSRV CI shall determine which Data Requests require post-retrieval processing.	B	functional
S-DSS-00250	3249	The SDSRV CI shall provide an application program interface for the submission of Service Requests.	B	functional
S-DSS-00260	3250	The SDSRV CI shall provide an application program interface for the submission of requests for administrative services.	B	functional
S-DSS-00264	3251	The SDSRV CI shall provide an application program interface which permits DAAC operations staff to link special subsetting capabilities into a Science Data Server.	B	functional
S-DSS-00270	3254	The SDSRV CI shall accept and process Data Requests for Repaired Orbit Data.	B	functional
S-DSS-00280	3255	The SDSRV CI shall accept and process Data Requests for Attitude Data.	B	functional
S-DSS-00290	3351	The SDSRV CI shall accept Suspend Requests to suspend processing a client session.	B	functional
S-DSS-00300	3352	The SDSRV CI shall accept Resume Requests to resume processing of a client session.	B	functional
S-DSS-00310	3256	The SDSRV CI shall provide the capability for authorized clients to submit Service Requests batch mode.	B	functional
S-DSS-00320	3257	The SDSRV CI shall notify clients that issue Cancellation Requests that the associated Service Request has been canceled or the associated Service Request was completed.	B	functional
S-DSS-00330	3258	The SDSRV CI shall record Request Identifiers to be used for accounting purposes.	B	functional
S-DSS-00331	3259	The SDSRV CI shall record the User Identifier of the science investigator associated with a Service Request, to be used for accounting purposes.	B	functional
S-DSS-00332	3260	The SDSRV CI shall record the amount of user storage associated with a science user, to be used for accounting purposes.	B	functional
S-DSS-00333	3261	The SDSRV CI shall record the amount of connect time associated with a science user, to be used for accounting purposes.	B	functional
S-DSS-00340	3262	The SDSRV CI shall record the level of CPU utilization for each Service Request to be used for accounting.	B	functional
S-DSS-00350	3263	The SDSRV CI shall record the level of I/O utilization for each Service Request to be used for accounting.	B	functional
S-DSS-00360	3264	The SDSRV CI shall record, for accounting purposes, a fixed personnel cost for Service Requests requiring interaction with operations staff.	B	functional
S-DSS-00370	3265	The SDSRV CI shall record a archival storage cost based on the number of bytes stored, to be used for accounting.	B	functional
S-DSS-00375	3266	The SDSRV CI shall associate User Accounting Information with client sessions.	B	functional
S-DSS-00376	3267	The SDSRV CI shall provide User Accounting Information to the SMC.	B	interface
S-DSS-00377	3268	The SDSRV CI shall support operations staff in the creation of utilization reports, and operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	functional
S-DSS-00378	3269	Operations staff shall be able to distribute SDSRV utilization reports eletronically or in hard copy or on eletronic media.	B	functional
S-DSS-00400	3270	The SDSRV CI shall accept pricing information, based on disk, CPU and media utilization, from CSMS.	B	interface
S-DSS-00410	3271	The SDSRV CI shall provide actual cost information by the completion of a Service Request.	B	functional
S-DSS-00420	3272	The SDSRV CI shall record the amount of media utilized for a Distribution Request.	B	functional
S-DSS-00430	3273	The SDSRV CI shall accept the amount of media utilized from the distribution services.	B	functional
S-DSS-00440	3274	The SDSRV CI shall be capable of providing estimated Service Request Cost.	B	functional
S-DSS-00730	3311	The SDSRV CI shall provide the capability to store Metadata problem reports.	B	functional
S-DSS-00732	3312	The SDSRV CI shall provide the capability for one Data Server to accept Data Availability Schedules from another Data Server.	B	functional
S-DSS-00740	3314	The SDSRV CI shall notify operations staff of the receipt of Metadata problem reports.	B	functional
S-DSS-00750	3315	The SDSRV CI shall provide Metadata problem reports to operations staff upon request.	B	functional

RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-00760	3316	The SDSRV CI shall provide application program interfaces to all the operator functions.	B	functional
S-DSS-00770	3317	The SDSRV CI shall utilize vendor supplied tools to analyze system CPU performance.	B	functional
S-DSS-00780	3318	The SDSRV CI shall utilize vendor supplied tools to monitor the performance of query processing.	B	functional
S-DSS-00790	3319	The SDSRV CI shall utilize vendor supplied tools to analyze system storage performance.	B	functional
S-DSS-00800	3320	The SDSRV CI shall utilize vendor supplied tools to tune system throughput performance.	B	functional
S-DSS-00810	3321	The SDSRV CI shall utilize vendor supplied tools to analyze system throughput performance.	B	functional
S-DSS-00830	3324	The SDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SMC for fault isolation.	B	interface
S-DSS-00840	3325	The SDSRV CI shall inform the collocated elements of ECS if resource availability falls below nominal operating parameters. This applies to staging resources and peripheral resources.	B	functional
S-DSS-00920	3337	The SDSRV CI shall provide Logistics Status to the SMC.	B	functional
S-DSS-00930	3338	The SDSRV CI shall provide training information to the SMC.	B	interface
S-DSS-00980	3342	The SDSRV CI operations staff shall have the capability to receive from the SMC, maintenance directives.	B	interface
S-DSS-00990	3343	The SDSRV CI operations staff shall have the capability to receive from the SMC, directives for integration, testing, and simulation.	B	interface
S-DSS-01000	3344	The SDSRV CI operations staff shall have the capability to receive from the SMC, configuration management directives.	B	interface
S-DSS-01010	3345	The SDSRV CI operations staff shall have the capability to receive from the SMC, logistics management directives.	B	interface
S-DSS-01020	3346	The SDSRV CI operations staff shall have the capability to receive from the SMC fault management directives.	B	interface
S-DSS-01030	3347	The SDSRV CI operations staff shall have the capability to receive from the SMC security directives.	B	interface
S-DSS-01035	3348	The SDSRV CI operations staff shall have the capability to receive from the SMC scheduling directives, and scheduling adjudication directives.	B	interface
S-DSS-01040	3349	The SDSRV CI operations staff shall provide integration, testing, and simulation status to the SMC.	B	interface
S-DSS-01050	3350	The SDSRV CI operations staff shall have the capability to receive training management directives from the SMC.	B	interface
S-DSS-01080	3355	The SDSRV CI shall notify operations staff in the event that data required for an on-demand data production is not accessible.	B	functional
S-DSS-01170	3363	The SDSRV CI shall provide the capability to monitor resource utilization on a client basis.	B	functional
S-DSS-01200	3366	The SDSRV CI shall notify the requester in the event that an on-demand data production cannot be completed.	B	functional
S-DSS-01220	3368	The SDSRV CI shall provide the capability for a client to suspend processing of a client session.	B	functional
S-DSS-01290	3372	The SDSRV CI shall provide the capability for the operations staff to suspend all active client sessions.	B	functional
S-DSS-01300	3373	The SDSRV CI shall provide the capability for the operations staff to resume any or all client sessions, previously suspended by operations staff or clients.	B	functional
S-DSS-01310	3374	The SDSRV CI shall provide the capability for the client to resume a client session, previously suspended by the client.	B	functional
S-DSS-01320	3375	The SDSRV CI shall provide the capability for the operations staff to terminate any or all active or suspended client sessions.	B	functional
S-DSS-01330	3376	The SDSRV CI shall provide the capability for the client to terminate any or all active or suspended client sessions that were previously initiated by the client.	B	functional
S-DSS-01360	3378	The SDSRV CI shall, in the event of a restart after a processing failure, recover the state of all Service Requests, including the rollback of all incomplete Data Base Transactions, and the recovery of all complete Data Base Transactions.	B	functional
S-DSS-01410	3381	The SDSRV CI shall log the suspension of the processing of a Service Request or the suspension of a client session.	B	functional
S-DSS-01420	3382	The SDSRV CI shall log the resumption of a previously suspended Service Request or client session.	B	functional
S-DSS-01440	3384	The SDSRV CI shall provide client Session Status Information to the requester.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-01450	3385	The SDSRV CI shall provide application programming interfaces capable of supporting the development of extensions for the addition of Metadata fields that are unique to the data maintained at a specific DAAC.	B	functional
S-DSS-01474	3389	The SDSRV CI shall validate Subscription Requests for time interval events. Time intervals will be limited to daily, weekly, or monthly.	B	functional
S-DSS-01520	3398	The SDSRV CI shall provide the capability to notify a user that a new version of the data has been archived.	B	functional
S-DSS-01540	3401	The SDSRV CI shall provide the capability to bundle notification of discrete events into a single notice to the subscriber.	B	functional
S-DSS-01560	3403	The SDSRV CI shall accept Subscription Update Requests to update stored Subscriptions by changing the event or the action.	B	functional
S-DSS-01580	3405	The SDSRV CI shall provide the capability for operations staff to update the stored Subscriptions by changing the event and/or action.	B	functional
S-DSS-01590	3406	The SDSRV CI shall provide the capability for a user client to update their stored Subscriptions by changing the action and/or event.	B	functional
S-DSS-01620	3409	The SDSRV CI shall validate that Subscription Update Requests specify a valid Subscription Identifier and a valid replacement Subscription.	B	functional
S-DSS-01700	3418	The SDSRV CI shall periodically report on new events for timer-based Subscriptions and will not repeat notification of old events.	B	functional
S-DSS-01790	3422	The SDSRV CI shall provide access to compound data type services.	B	functional
S-DSS-03002	3427	The SDSRV CI shall be capable of receiving L0 - L4 Data.	B	functional
S-DSS-03004	3428	The SDSRV CI shall be capable of receiving Ancillary Data.	B	functional
S-DSS-03006	3429	The SDSRV CI shall be capable of receiving Metadata associated with Ancillary Data.	B	functional
S-DSS-03050	3434	The SDSRV CI shall be capable of receiving FDF Orbit Data.	B	functional
S-DSS-03060	3435	The SDSRV CI shall be capable of receiving FDF Attitude Data.	B	functional
S-DSS-03100	3436	The SDSRV CI shall be capable of receiving FDF Metadata for Orbit and Attitude data.	B	functional
S-DSS-03122	3439	The SDSRV CI shall be capable of receiving real EOS instrument data to support pre-launch checkout of the ground system.	B	functional
S-DSS-03124	3440	The SDSRV CI shall be capable of receiving simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional
S-DSS-03190	3445	The SDSRV CI shall be capable of receiving Orbit/Attitude data.	B	functional
S-DSS-03200	3446	The SDSRV CI shall be capable of receiving Metadata associated with Orbit/Attitude data.	B	functional
S-DSS-03290	3453	The SDSRV CI shall be capable of receiving Spacecraft Historical Data.	B	functional
S-DSS-03330	3456	The SDSRV CI shall be capable of receiving TBD Special Data Products.	B	functional
S-DSS-03340	3457	The SDSRV CI shall be capable of receiving Metadata associated with TBD Special Data Products.	B	functional
S-DSS-03400	3463	The SDSRV CI shall verify compliance of scientist provided data with EOSDIS defined standards for file content and structure (not scientific content).	B	functional
S-DSS-03410	3464	The SDSRV CI shall verify compliance of scientist provided Metadata with EOSDIS defined standards for Metadata content and structure (not scientific content).	B	functional
S-DSS-03460	3472	The SDSRV CI shall interface with the STMGT CI to provide storage for FDF Orbit Data for AM-1 instruments.	B	interface
S-DSS-03470	3473	The SDSRV CI shall interface with the STMGT CI to provide storage for Metadata associated with FDF Orbit Data for AM-1 instruments.	B	interface
S-DSS-03600	4950	The SDSRV CI shall interface with the STMGT CI to provide storage for production plan data.	B	interface
S-DSS-03660	3487	The SDSRV CI shall interface with the STMGT CI to provide storage for spacecraft historical data.	B	interface
S-DSS-03700	3490	The SDSRV CI shall interface with the STMGT CI to provide storage for special Data Products.	B	interface
S-DSS-03710	3491	The SDSRV CI shall interface with the STMGT CI to provide storage for Metadata associated with special Data Products.	B	interface
S-DSS-03940	3496	The SDSRV CI shall be capable of receiving estimated disk utilization from the PLANG CI.	B	interface
S-DSS-03950	3497	The SDSRV CI shall be capable of receiving estimated CPU utilization from the PLANG CI.	B	interface
S-DSS-03960	3498	The SDSRV CI shall be capable of receiving estimated disk utilization from the STMGT CI.	B	interface
S-DSS-03990	3499	The SDSRV CI shall be capable of receiving actual disk utilization from the PLANG CI.	B	interface

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-04000	3500	The SDSRV CI shall be capable of receiving actual CPU utilization from the PLANG CI.	B	interface
S-DSS-04010	3501	The SDSRV CI shall be capable of receiving actual disk utilization from the STMGT CI.	B	interface
S-DSS-04080	3508	The SDSRV CI shall supply FDF repaired orbit data for AM-1 instruments packages to the DDIST CI.	B	interface
S-DSS-04180	3518	The SDSRV CI shall supply Orbit/Attitude Data to the DDIST CI.	B	interface
S-DSS-04190	3519	The SDSRV CI shall supply Metadata associated with Orbit/Attitude Data to the DDIST CI.	B	interface
S-DSS-04320	3532	The SDSRV CI shall supply special Data Products to the DDIST CI.	B	interface
S-DSS-04330	3533	The SDSRV CI shall supply Metadata associated with special Data Products to the DDIST CI.	B	interface
S-DSS-04332	3534	The SDSRV CI shall supply Research results (articles, algorithms, data sets, software) to the DDIST CI.	B	interface
S-DSS-04340	3535	The SDSRV CI shall supply V0 migration Data Products to the DDIST CI.	B	interface
S-DSS-04350	3536	The SDSRV CI shall supply Metadata associated with V0 migration Data Products to the DDIST CI.	B	interface
S-DSS-04410	3628	The STMGT CI shall have the ability to store references to Orbit/Attitude Data as Metadata for science data.	B	functional
S-DSS-04500	3638	The STMGT CI shall have the ability to indicate the need for on-demand product generation as Metadata for science data.	B	functional
S-DSS-04620	3544	The SDSRV CI shall update the Metadata for a data item that has been purged from the system.	B	functional
S-DSS-04630	3545	The SDSRV CI shall update the Metadata whenever a data item is relocated to another site.	B	functional
S-DSS-04720	3554	The SDSRV CI shall provide DARs to ASTER ICC.	B	functional
S-DSS-04730	3555	The SDSRV CI shall accept DARs from the client.	B	functional
S-DSS-04740	3556	The SDSRV CI shall provide DAR status to the client, in response to DAR Status Requests.	B	functional
S-DSS-04745	3557	The SDSRV CI shall provide operations staff with the ability to display and list outstanding DARs that are accessible by the Data Server.	B	functional
S-DSS-04750	3558	The SDSRV CI shall accept DAR Status from IPs	B	functional
S-DSS-04760	3559	The SDSRV CI shall accept Subscription Requests from the client linked to a specified, existing DAR.	B	functional
S-DSS-04770	3560	The SDSRV CI shall send DAR Status Requests to ASTER ICC.	B	interface
S-DSS-04780	3561	The SDSRV CI shall receive DAR Status from the ASTER ICC.	B	interface
S-DSS-10020	3576	The DDSRV CI shall accept Subscriptions for metadata from the client.	B	functional
S-DSS-10055	3581	The DDSRV CI shall provide, to qualified users, access to all documents and data types held in the server's collection.	B	functional
S-DSS-10202	3599	The DDSRV CI shall provide the capability to ingest documentation in Microsoft WORD format.	B	functional
S-DSS-10206	3601	The DDSRV CI shall provide the capability to ingest documentation in Interleaf format.	B	functional
S-DSS-10208	3602	The DDSRV CI shall provide the capability to ingest documentation in WordPerfect format.	B	functional
S-DSS-10230	3605	The DDSRV CI shall provide application programming interfaces that support addition of documents for use as Guide data for DAAC-specific Data Products.	B	functional
S-DSS-10231	3606	The DDSRV CI shall utilize vendor supplied tools to analyze system CPU performance.	B	functional
S-DSS-10232	3607	The DDSRV CI shall utilize vendor supplied tools to analyze system throughput performance.	B	functional
S-DSS-10233	3608	The DDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SDSRV CI for forwarding to the SMC for fault isolation.	B	interface
S-DSS-10260	3611	The DDSRV CI shall provide application programming interfaces that support development of extensions for addition of documents for use as Guide data for DAAC-specific Data Products.	B	functional
S-DSS-10300	3998	The Document Data Server shall complete a search for a guide document by a single keyword in not exceeding 8 seconds.	B	performance
S-DSS-10305	3999	The Document Data Server shall complete a directory search using a single keyword in a period to exceed 8 seconds.	B	performance
S-DSS-10306	4000	The Document Data Server shall complete a directory search using multiple keywords in a period not to exceed 13 seconds.	B	performance

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-10310	4001	The Document Data Server shall complete a keyword search on a 1000 page document of not exceeding 3 seconds.	B	performance
S-DSS-20210	3659	For any EOS Level 0 or L1A (if L0 is not available) data item that can not be located or is inaccessible and can not be re-created, the STMGT CI shall automatically request the data item be re-ingested from EDOS.	B	functional
S-DSS-20260	3665	For each piece of archive media, the STMGT CI shall provide the capability to display the length of time to store data on the media before deletion.	B	functional
S-DSS-20270	3666	The STMGT CI shall provide the capability to change the length of time to store data on archive media before deletion of the data.	B	functional
S-DSS-20280	3667	The STMGT CI shall provide the capability to directly notify active users when Data Products will be deleted.	B	functional
S-DSS-20290	3668	The STMGT CI shall provide the capability to indirectly notify users when Data Products will be deleted via a bulletin board type mechanism.	B	functional
S-DSS-20450	3685	The STMGT CI shall provide the capability to archive real EOS instrument data to support pre-launch checkout of the ground system.	B	functional
S-DSS-20455	3686	The STMGT CI shall provide the capability to retrieve real EOS instrument data to support pre-launch check out of ground systems.	B	functional
S-DSS-20460	3687	The STMGT CI shall provide the capability to archive simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional
S-DSS-20470	3689	The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional
S-DSS-20550	3698	The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system performance.	B	functional
S-DSS-20560	3699	The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system scheduling.	B	functional
S-DSS-20570	3700	The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system performance.	B	functional
S-DSS-20580	3701	The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system scheduling.	B	functional
S-DSS-20610	3704	The STMGT CI shall provide the capability to archive multiple versions of Data Granules.	B	functional
S-DSS-20720	3715	The STMGT CI shall provide a mechanism to mark data for deletion. The mechanism shall be based on selection of max time to store data before it's deleted from storage. It shall also mark earlier versions when multiple versions have been archived.	B	functional
S-DSS-20730	3716	The STMGT CI shall provide a mechanism to automatically delete archived data which has been marked for deletion.	B	functional
S-DSS-20750	3718	For data retrieval requests for L0 data from EDOS, STMGT CI shall satisfy such requests with appropriate L0 or L1A data. Note: These instruments provide L0 data, CERES, LIS, ASTER, MISR, MODIS, MOPPIT; these provide L1A data, LIS, PR, TMI, VIRS.	B	functional
S-DSS-20800	3723	The STMGT CI shall use operator selectable criteria to determine the physical storage device that data types will be stored in. This criteria shall consider: current store and retrieval activity, number of storage devices, type of data to be stored.	B	functional
S-DSS-20810	3724	The STMGT CI shall provide operations staff the capability to manually alter the criteria that determines the physical storage device that data sets will be stored in.	B	functional
S-DSS-20820	3725	The STMGT CI shall provide operations staff the capability to alter the criteria that determines removal of archive media from storage devices to allow insertion of new or different archive media in the storage device.	B	functional
S-DSS-20830	3726	In determining the archive media to be removed the criteria shall consider the media's capacity for storing additional data, the last time data was accessed on the media and whether the media is currently in use to store or retrieve data.	B	functional
S-DSS-20840	3727	The STMGT CI shall report information on the storage system. Information reported shall include file access time, file accesses per hour, size of files stored onto archive media, size of files retrieved from archive media, amount of storage allocated.	B	functional
S-DSS-20850	3728	The STMGT CI shall collect information on the storage system. Information shall include avg access time, avg # of accesses per hour, mean request inter-arrival time, avg file size stored, avg file size retrieved and avg file residency time on disk.	B	functional
S-DSS-20860	3729	The STMGT CI shall provide a mechanism to monitor the performance of the ECS archival storage system.	B	functional

RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-20870	3730	The STMGT CI shall provide operations staff the capability to view/display performance information on the storage system.	B	functional
S-DSS-21130	3763	The STMGT CI shall provide estimates of staging device time delays for subsetted Data Requests.	B	functional
S-DSS-21140	3764	The STMGT CI shall provide estimates of staging device time delays for subsampled Data Requests.	B	functional
S-DSS-21150	3765	The STMGT CI shall provide estimates of staging device time delays for summary Data Requests.	B	functional
S-DSS-21240	3774	The STMGT CI shall provide operations staff a mechanism to display/view storage system utilization by ECS element.	B	functional
S-DSS-21250	3775	The STMGT CI shall provide operations staff a mechanism to display/view storage system performance by ECS element.	B	functional
S-DSS-21260	3776	The STMGT CI shall provide operations staff a mechanism to display/view storage system cost by ECS element.	B	functional
S-DSS-21280	3778	The STMGT CI shall provide application programming interfaces (APIs) to support Insert Requests.	B	functional
S-DSS-21290	3779	The STMGT CI shall provide application programming interfaces (APIs) to support Retrieval Requests.	B	functional
S-DSS-21300	3780	The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Insert Requests.	B	functional
S-DSS-21310	3781	The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Retrieval Requests.	B	functional
S-DSS-21320	3782	The STMGT CI shall provide the capability to estimate time delays for data retrievals due to contention for hardware resources.	B	functional
S-DSS-21340	3784	The STMGT CI shall provide data to support administrative requests for Accounting Management Data.	B	functional
S-DSS-21350	3785	The STMGT CI shall collect Accounting Management Data as defined in Appendix A.	B	functional
S-DSS-21430	3796	The STMGT CI shall provide operations staff a mechanism to delete records from the File Directory.	B	functional
S-DSS-21610	4013	The MSFC DAAC Science Management within the Data Server shall make TSDIS original standard products (Level 1B-3) eligible for deletion after 6 months	B	performance
S-DSS-21812	5261	The DRPHW CI shall be configured to support the SDPS function of Data Acquisition Request Submittal's (including TOOs) Availability requirement of .993 and a Mean Down Time of < 2 hrs. during times of staffed operation.	B	RMA
S-DSS-30190	3828	The DDIST CI shall record the cost of the shipping and handling of the media associated with each Media Distribution request.	B	functional
S-DSS-30200	3829	The DDIST CI shall record the network cost of data transmission, the User Identifier and the Request Identifier.	B	functional
S-DSS-30210	3831	The DDIST CI shall record the cost of CPU intensive operations performed on data to be distributed. Such operations include compression/decompression and reformatting.	B	functional
S-DSS-30220	3832	The DDIST CI shall record the cost of archive storage for data to be distributed based on distribution size.	B	functional
S-DSS-30230	3833	The DDIST CI shall provide the capability to report the estimated media utilization to the SDSRV CI.	B	functional
S-DSS-30240	3834	The DDIST CI shall provide the capability to report the actual media utilization to the SDSRV CI.	B	functional
S-DSS-30245	4943	The DDIST CI shall provide the capability to report accounting data to the SDSRV CI.	B	functional
S-DSS-30296	3842	The DDIST CI shall alert SMC when electronic transmission problems are encountered.	B	interface
S-DSS-30450	3858	The DDIST CI shall provide the capability to distribute on 4mm tape.	B	functional
S-DSS-30460	3859	The DDIST CI shall provide the capability to distribute on 3480/3490 tape.	B	functional
S-DSS-30482	3862	The DDIST CI shall provide the capability to support additional data distribution formats and conversion software.	B	functional
S-DSS-30500	3864	If the number of correctable errors exceed a system threshold for a piece of media, the DDIST CI shall abort the operation and automatically request a new piece of media from operations staff.	B	functional
S-DSS-30510	3865	Operations staff shall have the capability to specify a threshold of correctable errors for each type of distribution media.	B	functional
S-DSS-30620	3876	The DDIST CI shall provide the capability to distribute documents electronically via FAX transmissions.	B	functional

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-DSS-30690	3882	For physical media distributions, the DDIST CI shall generate a physical "media label" that operations staff can apply to the media, and shall associate the individual piece of media with any other media in the distribution.	B	functional
S-DSS-30700	3883	For physical media distributions, the DDIST CI shall generate a physical "shipping label" that operations staff can affix to the shipping container and indicates the destination of the media.	B	functional
S-DSS-30770	3889	The DDIST CI shall provide an applications program interface to submit Distribution Requests, obtain Request Status for Distribution Requests, and retrieve a list of Distribution Requests submitted.	B	functional
S-DSS-30795	3891	For physical media distributions, the DDIST CI shall record the cost of the media to be used for accounting.	B	functional
S-INS-00355	4081	The INGST CI shall accept an ingest Suspension Request from authorized operations staff to suspend ongoing ingest request processing for a specified ingest Request Identifier, to suspend all ongoing ingest request processing from a specified External Data Provider, or to suspend all ongoing ingest request processing.	B	functional
S-INS-00357	4082	The INGST CI shall accept an ingest Resumption Request from authorized operations staff to resume ongoing ingest request processing for a specified ingest Request Identifier, to resume all ongoing ingest request processing from a specified External Data Provider, or to resume all ongoing ingest request processing.	B	functional
S-INS-00363	4084	The INGST CI shall authenticate the User Identifier of operations staff submitting an ingest Suspension Request or ingest Resumption Request.	B	functional
S-INS-00365	4086	The INGST CI shall accept an ingest Suspension Request from authorized applications to suspend ongoing ingest request processing for a specified Request Identifier, to suspend all ongoing ingest request processing from a specified External Data Provider, or to suspend all ongoing ingest request processing.	B	functional
S-INS-00367	4087	The INGST CI shall accept an ingest Resumption Request from authorized applications to resume ongoing ingest request processing for a specified Request Identifier, to resume all ongoing ingest request processing from a specified External Data Provider, or to resume all ongoing ingest request processing.	B	functional
S-INS-00370	4089	The INGST CI shall authenticate the User Identifier of an application submitting an ingest Suspension Request or ingest Resumption Request.	B	functional
S-INS-00393	4093	The INGST CI shall report status on ingest Suspension Requests to the requesting operations staff and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier c. Unable to suspend specified Ingest Request(s)	B	functional
S-INS-00394	4094	The INGST CI shall report status on ingest Resumption Requests to the requesting operations staff and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier	B	functional
S-INS-00397	4097	The INGST CI shall report status on ingest Suspension Requests to the requesting application and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier c. Unable to suspend specified Ingest Request(s)	B	functional
S-INS-00398	4098	The INGST CI shall report status on ingest Resumption Requests to the requesting application and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier	B	functional
S-INS-00402	4100	The INGST CI shall reformat ingested data into a form accepted by the SDSRV CI/DDSRV CI, as needed.	B	functional
S-INS-00600	4128	The INGST CI shall ingest Data, provided by the EDOS, from physical media at the GSFC DAAC as a backup transfer mechanism.	B	interface
S-INS-00610	4129	The INGST CI shall ingest Data, provided by the EDOS, from physical media at the LaRC DAAC as a backup transfer mechanism.	B	interface
S-INS-00650	4133	The INGST CI shall ingest data, provided by the DAO, from the ESN into the EDC DAAC using a file transfer protocol.	B	interface
S-INS-00730	4137	The INGST CI shall ingest data, provided by the FDF, from the ESN into the GSFC DAAC using a file transfer protocol.	B	interface
S-INS-00740	4138	The INGST CI shall accept a TBD request for Repaired Orbit Data.	B	interface
S-INS-00790	4140	The INGST CI shall ingest data, received on physical media from the ASTER GDS, into the EDC DAAC.	B	interface

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RQT_ID	RQT_KEY	text	REL	REQ_TY
S-INS-00840	4144	The INGEST shall ingest data provided by Adeos II/SeaWinds.	B	interface
S-INS-00900	4145	The INGST CI at the GSFC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable
S-INS-00910	4146	The INGST CI at the LaRC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable
S-INS-00920	4147	The INGST CI at the MSFC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable
S-INS-60721	4197	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission.	B	performance
S-INS-60726	4199	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission.	B	performance
S-INS-60751	4205	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission.	B	performance
S-INS-60756	4207	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission.	B	performance
S-IOS-00590	2803	The ADSRV CI shall provide Advertisements that describe Science Processing Library holdings.	B	functional
S-IOS-00620	2806	The ADSRV CI shall support of browsing Advertisements and linking to data Dictionary definitions of terms	B	functional
S-IOS-00630	2807	The ADSRV CI shall provide a capability to link advertising data to data dictionary definitions of terms	B	functional
S-IOS-00710	2840	The ADSRV CI shall accept Subscription Requests as defined in Appendix A.	B	functional
S-IOS-00760	2842	The ADSRV CI shall provide Notifications in response to Subscription Events.	B	functional
S-IOS-00800	2845	The ADSRV CI shall provide an application program interface for the submission of Service Requests.	B	functional
S-IOS-00810	2846	The ADSRV CI shall provide an application program interface for the submission of requests for administrative services.	B	functional
S-PLS-00070	4226	The PLANG CI shall accept Production Requests for reprocessing of Data Products from currently available input data.	B	functional
S-PLS-00100	4227	The PLANG CI shall accept Production Requests for On-Demand Data Products.	B	functional
S-PLS-00110	4228	The PLANG CI shall reject a Production Request for On-Demand Data Products if the processing completion deadline (specified in the Production Request) cannot be met.	B	functional
S-PLS-00120	4229	The PLANG CI shall validate Production Requests for On-Demand Data Products against a pre-approved list of acceptance criteria.	B	functional
S-PLS-00130	4230	The PLANG CI shall send a response message to the Data Server confirming the acceptance status of the received Production Request for On-Demand Data Products (" accepted", "rejected", "deferred") and reason for rejection of a request (if applicable).	B	interface
S-PLS-00140	4231	Upon acceptance of a Production Request for an On-Demand Data Product, the PLANG CI shall immediately forward its corresponding Data Processing Requests to the PRONG CI if predefined resource thresholds are not exceeded and if the input data is available.	B	interface
S-PLS-00150	4232	The PLANG CI shall defer On-Demand Production Requests for future plan generation consideration when these On-Demand Production Requests are estimated to exceed a predefined resource threshold.	B	functional
S-PLS-00160	4233	If a Production Request for an On-Demand Data Product exceeds a predefined resource usage threshold, the PLANG CI shall notify the operations staff that the Production Request has been deferred.	B	functional
S-PLS-00170	4234	The PLANG CI shall accept updates (modifications/ cancellations) to Production Requests for On-Demand Data Products.	B	functional
S-PLS-00190	4236	The PLANG CI shall forward a response message to the Data Server indicating acceptance / rejection status of the updates to the Production Request for On-Demand Data Products .	B	interface
S-PLS-00610	4252	The operations staff shall manually submit (to the Data Server) Data Subscriptions for the Data Availability Schedules (DAS) of any remote ECS sites, EDOS, any IP and any ODC.	B	procedural
S-PLS-00630	4254	The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of Data Availability Schedules (DAS) for any remote ECS site, EDOS, any IP, and any ODC.	B	functional
S-PLS-00650	4256	The PLANG CI shall accept Data Availability Schedules (DAS), for remote ECS sites, EDOS, IPs, and ODCs, based on the Data Availability Schedule Notices received.	B	functional

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S-PLS-00700	4261	The PLANG CI shall create a Candidate Plan specifying a timeline for PGE execution that will satisfy Production Requests for Reprocessing and On-Demand Data Products.	B	functional
S-PLS-00720	4263	The PLANG CI shall create a Candidate Plan based on the data availability schedules for remote ECS sites, EDOS, the IPs, and ODCs, as needed.	B	functional
S-PLS-00810	4271	The PLANG CI shall consolidate any outstanding Data Processing Requests in the current Active Plan with the Data Processing Requests in the Candidate Plan to be activated.	B	functional
S-PLS-00845	4276	The PLANG CI shall support the capability to retrieve stored plans and their corresponding metadata from the Data Server based on specific queries.	B	interface
S-PLS-00850	4277	The PLANG CI shall have the capability to generate data availability schedules (and the corresponding metadata) that reflect the Data Products expected to be generated in the Production Plan.	B	functional
S-PLS-00860	4278	The PLANG CI shall send the data availability schedules and the corresponding metadata to the designated Data Server.	B	interface
S-PLS-01210	4289	The PLANG CI shall provide the operations staff with the capability to perform the following on-line functions, via GUI: a. Entry/query/update/ cancellation of Production Requests for Reprocessing, b. Query/update/cancellation of Production Requests for On-Demand Data Products.	B	functional
S-PLS-01230	4291	The PLANG CI shall support the display (via GUI) of warning messages to the operations staff indicating revised completion times if processing will not complete per original schedule.	B	functional
S-PLS-01460	4307	The PLANG CI shall collect Accounting Management Data and provide it to the MSS.	B	interface

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